Brightspeed
2025 Product Ordering Guide

Issue 1.0

"TEST CORDS & ADAPTERS"

"TEST CARDS, T1 REPEATERS & EXTENDERS"

EXT-238

(Pins 3 & 4)	SIDE 1	OUT
(Pins 5 & 6)	SIDE 1	IN
(Pins 8 & 9)	SIDE 2	OUT
(Pins 11 & 12)	SIDE 2	IN

Telecom Assistance Group
(856) 753-8585

"FANS"

"SWITCH TERMINALS"

TAG INC.

TT-DCAP
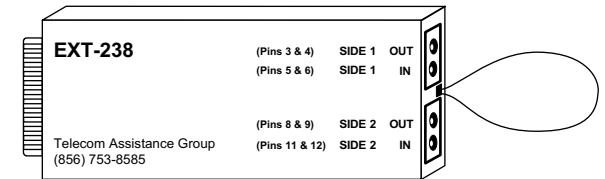
5ESS

DMS
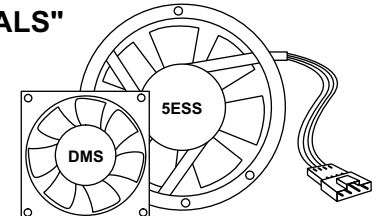
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SOLID STATE SCSI DRIVES"
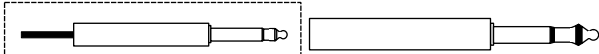
▶ DCO
▶ EWSD
▶ 5ESS
▶ DMS-100
▶ & MORE

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to Brightspeed**

Provided By:
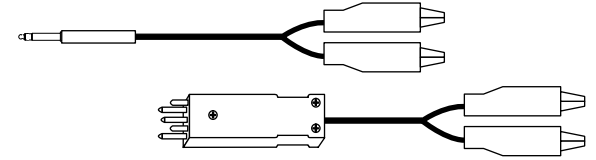
TAG INC.

Telecom Assistance Group, Inc.
856-753-8585
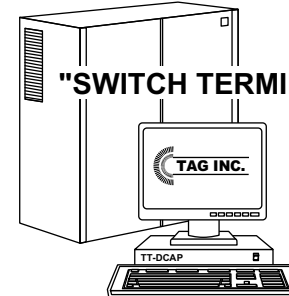www.tagcords.com

The "Cord Company" and more . . .
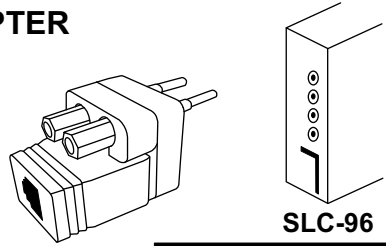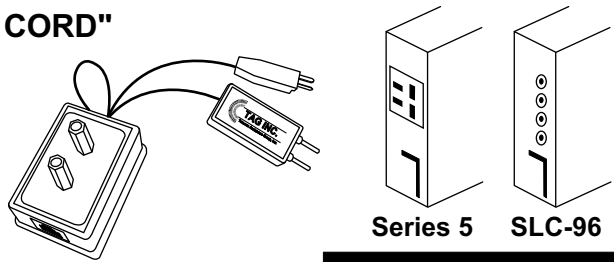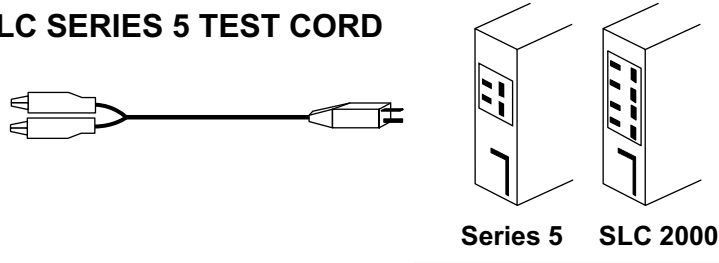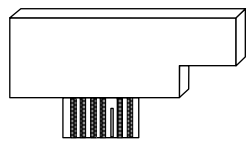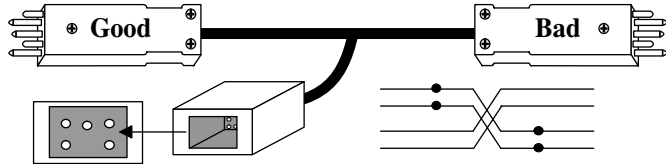
www. tagcords.com   -   856-753-8585

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FEATURES / APPLICATION	PART #	DESCRIPTION
Bantam to (2) Alligator Clips, (2') **Bantam to (2) Alligator Clips, (6')**	**ST400210A-02** **ST400210A-06**	**BANTAM to ALLIGATOR CLIPS**
• Access to various connectors, bare cable		
		2' MAT # 1157471 **6' MAT # 1157472**
310 to (2) Alligator Clips, (6')	**ST400310A-06**	**310 to ALLIGATOR CLIPS**
• Access to various connectors, bare cable		
		MAT # 1157464
310 to 310, (6')	**400310**	**310 to 310**
• General purpose test/patch cord • Available in various lengths		
		MAT # 1157468
Bantam to 310 Conversion Plug	**400239**	**BANTAM TO 310 CONVERSION PLUG**
• Slides over Bantam Plug converting it to a 310		BANTAM 400239
		MAT # 1157438

Brightspeed

FEATURES / APPLICATION	PART #	DESCRIPTION
Bantam to Bantam - Black, (6') **Bantam to Bantam - Red, (6')**	**400210BK** **400210RD**	**BANTAM to BANTAM** **BANTAM to BANTAM**
• Patching or Test Set Application • Red/Black colors for Transmit/Receive		**BLACK** **MAT # 1157483** **RED** **MAT # 1157482**
Bantam Looping Plug	**400210LP**	**BANTAM LOOPING PLUG**
• 3 conductor looping plug		**MAT # 1157492**
Bantam to Wire Wraps, (6')	**400210WP**	**BANTAM to WIRE WRAPS**
• Slides on standard CO terminal block pins (.045) for test access		**MAT # 1102718**
Wire Wraps to Mini Alligator Clips, (1')	**400200MA-01**	**WIRE WRAPS to MINI ALLIGATOR CLIPS**
• Slide wire wrap over CO mounting Block Pins • Alligator clips allow connections to various equipment (Butt-Set, Caller ID, and ADSL Applications)		**MAT # 1157487**

2024 Brightspeed MAT\Master\pg02_r01.dsf (10/23/24)

Telecom Assistance Group (TAG)   **150 Cooper Rd. (F-15)**   **Telephone: (856) 753-8585**
www.tagcords.com   **W. Berlin, NJ 08091**   **Fax: (856) 768-7645**

FEATURES / APPLICATION	PART #	DESCRIPTION
SLC-96 Line Adapter • Hollow post and/or modular access to Odd/Even Channels at faceplate of SLC-96 channel units or DISC*S	**400396-2M**	**SLC-96 LINE ADAPTER** **SLC-96** **MAT # 1157437**
"The SLICK CORD", (2') • Dual Purpose cord for Series 5/SLC 2000 and/or SLC-96/DISC*S faceplate access	**4003956**	**"SLICK CORD"** **Series 5 SLC-96** **MAT # 1157496**
SLC Series 5 Test Cord, (1') • Dial tone access at faceplate of Series 5 or SLC 2000	**400395-2**	**SLC SERIES 5 TEST CORD** **Series 5 SLC 2000** **MAT # 1157500**
SLC-96 Looping Plug • Loops SLC-96 circuits	**400396L**	**SLC-96 LOOPING PLUG** **MAT # 1157501**

FEATURES / APPLICATION	PART #	DESCRIPTION
463A Plug to Alligator Clips, (2') **463A Plug to Alligator Clips, (6')** • Long pins wired to Alligator clips • Non-bridging - Flip to look both ways 463A type plug (protector) to alligator clips • Similar to W2GL	ST400300S-02 ST400300S-06	**463A PLUG to ALLIGATOR CLIPS** **2' MAT # 1157465** **6' MAT # 1157466**
Protector to Protector "Frogger" with "In Line Protection", (20') • Frogger with In-Line Protection • Ideal for quick temporary restoral with "protection"	400300FP	**"FROGGER" w/ IN-LINE PROTECTION** Good Bad **MAT # 1157486**
Protector to (4) Alligator Clips, (8') • Access at (coils) both cable and equipment	400300S-4	**PROTECTOR to (4) ALLIGATOR CLIPS** **MAT # 1157485**
526A plug to Alligator Clips, (2') • Monitor access to Protectors via test points without pulling Protector • Equivalent to P2FL	400526A-02	**526A PLUG to ALLIGATOR CLIPS** **MAT # 1157469**

FEATURES / APPLICATION	PART #	DESCRIPTION
Dual Push Pins (310 MDF) to Alligator Clips, (3') • Used to short the tip and ring or to ground the tip and/or ring • Plugs to recessed terminals on 310 series connectors • Equivalent to P2FM	**400426**	**DUAL PUSH PINS to ALLIGATOR CLIPS** **MAT # 1157484**
453A plug to Alligator Clips, (3') • Used to short the tip and ring or to ground the tip and/or ring • Plugs to recessed terminals on 300 series connectors (except 310) • Equivalent to P2EF	**400430**	**453A PLUG to ALLIGATOR CLIPS** **MAT # 1157481**
Bantam to 800 DSX, (6') • Test equipment access to 800 DSX	**408210**	**BANTAM to 800 DSX** **MAT # 1157181**
310 to 800 DSX, (12') • Test equipment access to 800 DSX	**408310-12**	**310 to 800 DSX** **MAT # 1183104**
800 DSX Looping Plug • Loops both directions	**408800LD**	**800 DSX LOOPING PLUG** 408800LD **MAT # 1157470**
800 DSX Terminating Plug • Available in 100 ohm	**408800TP-1**	**800 DSX TERMINATING PLUG** **MAT # 1335085**

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FEATURES / APPLICATION	PART #	DESCRIPTION
Mueller Clip 25C to Mueller Clip 25C, (25')	**T-W1BU-3**	**MUELLER CLIP to MUELLER CLIP**
• Retractable "coil" cord used with 188A test set • Equivalent to W1BU-3		MAT # 1157494
DB 9 Pin (male) to DB 9 Pin (female), (6')	**400720**	**9 PIN (male) to 9 PIN (female)**
• Commonly used from Laptop to test at HDSL circuits • Wired straight		MAT # 1157473
15 Pin (female) to LIU connector, (8') **15 Pin (male) to LIU connector, (8')**	**400442F** **400442M**	**15 PIN to LIU**
• Connects Power Panel to LIU for test jack access • Available in various lengths		**400442F** MAT # 1157180 **400442M** MAT # 1157467
Protected Test Probe w/ LED	**P-2000**	**PROTECTED TEST PROBE W/ LED**
• Used for testing continuity • Built in light for connection verification and fuse for protection		MAT # 1157493
Pin Plug to Alligator Clip, (6')	**400409**	**PIN PLUG to ALLIGATOR CLIP**
• Generally used for grounding		MAT # 1157476

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FEATURES / APPLICATION	PART #	DESCRIPTION
440A to 440A - Red, (8') • Coax Patch/Test Cord • Available in various lengths	**400440ARD**	**440A to 440A** MAT # 1157479
440A to 440A - Black, (8') • Coax Patch/Test Cord • Available in various lengths	**400440ABK**	**440A to 440A** MAT # 1157477
440A to BNC - Red, (8') • Coax Patch/Test Cord • Available in various lengths	**400440BRD**	**440A to BNC** MAT # 1157480
440A to BNC - Black, (8') • Coax Patch/Test Cord • Available in various lengths	**400440BBK**	**440A to BNC** MAT # 1157478

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FEATURES / APPLICATION	PART #	DESCRIPTION
Universal Carrying Case • Small Carrying Case • Approx. Dimensions: 5" (H) x 16" (L)	**600209**	**UNIVERSAL CARRYING CASE** **MAT # 1157463**
Universal Carrying Case • Medium Carrying Case • Approx. Dimensions: 9" (H) x 16" (L)	**600209N**	**UNIVERSAL CARRYING CASE** **MAT # 1157177**
8 Pouch Carrying Case • Test Cord Carrying Case • Approx. Dimensions: 12" (H) x 15" (L)	**TCC-001P**	**8 POUCH CARRYING CASE** **MAT # 1157462**
Universal Carrying Case • Large Carrying Case • Approx. Dimensions: 13" (H) x 20" (L)	**600209F**	**UNIVERSAL CARRYING CASE** **MAT # 1157461**
Universal Carrying Case • Extra Large Carrying Case • Approx. Dimensions: 16.25" (H) x 20" (L) x 7.5" (D)	**600209XL**	**UNIVERSAL CARRYING CASE** **MAT # 1157460**

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DB9M / RS232 to USB Adapter Cable

Need access to a Serial Port on your Laptop?

TAG's Adapter Cable will convert your Laptop's USB Port into a Serial Port!

Serial Port on an <u>Older</u> Laptop

USB Port
on Laptop

DB9M / RS232

USB →
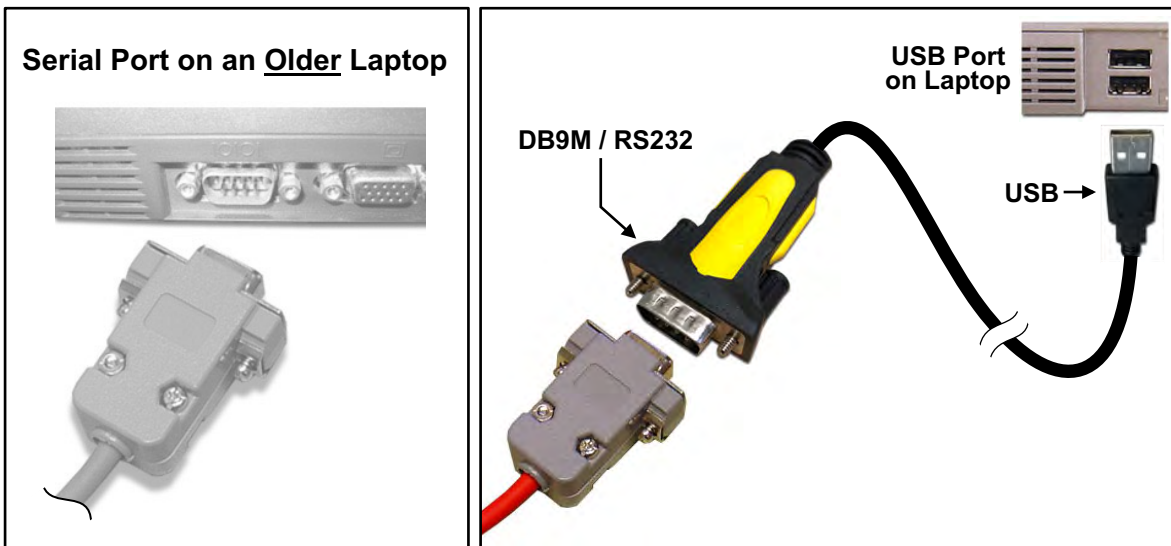
System Requirements:

- *Supports Windows ® 2000 / XP / Server 2008 / Vista / 7 / 8 / 10 / 11*

- Available USB Port

Application:

Plug the USB connector into your computer and the serial connector into your serial device to exchange files, data and more.

USB

DB9M / RS232

Ordering Information:

MAT #

400720USB   DB9M/RS232 to USB Adapter Cable   **1157436**
Supports Windows ® 2000 / XP / Server 2008 / Vista / 7 / 8 / 10 / 11

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Telecom Assistance Group

Remote Network Cable Tester w/ Tone Generator   CAT-107G

Simplify Network Cable Testing !!

Cable Test Features:

Displays:
- Short
- Reversed
- Miswired
- Split Pairs

Tone Generator* Features:

- **Verification of Shield Integrity**
- **Puts Tracer Tone on Cable**

  * Tone Generator function requires customer supplied Cable Tracing Probe

Additional Features:

- **Specially designed Remote Unit that enables one person to test installed cables**
- **Easy to read Fault Display and high speed testing**
- **Debug mode for detailed fault identification results**
- **Auto Sleep Mode and Power Off Switch to decrease power consumption**
- **Low Battery Indicator**
- **Uses (4) four AAA batteries**
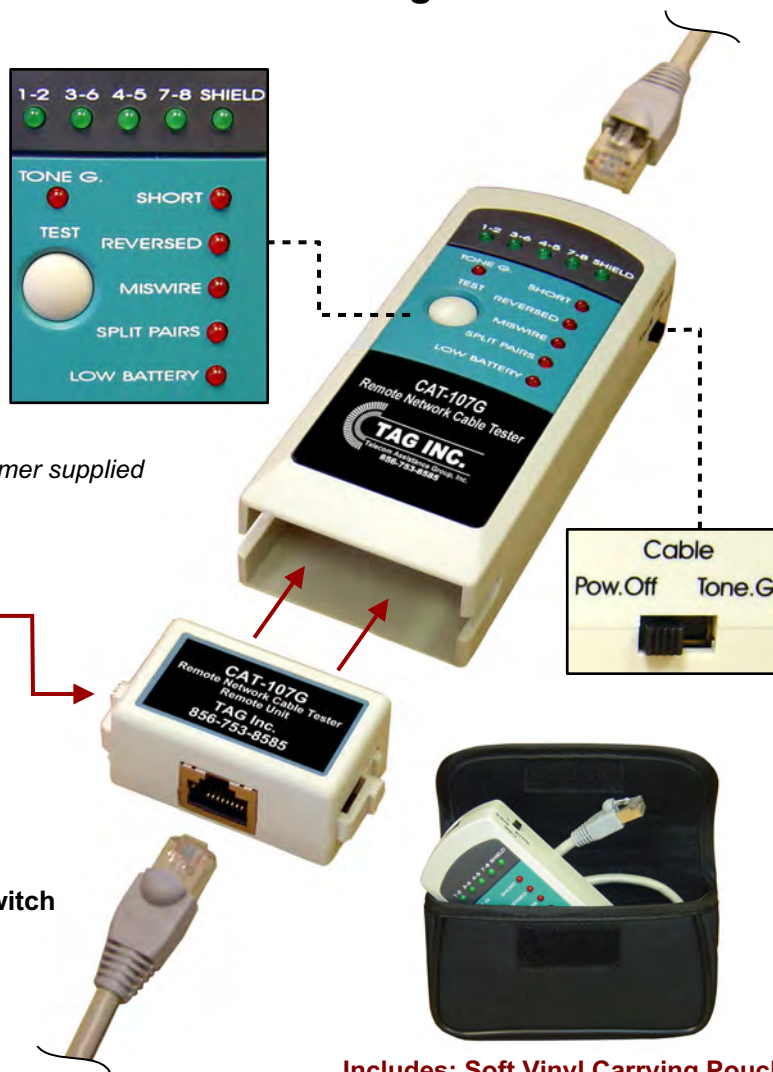
Includes: Soft Vinyl Carrying Pouch & Remote Terminating Cable

Application:

The CAT-107G is a small hand-held cable tester, which enables network professionals to quickly and easily verify the integrity of ethernet twisted pair cables for open pairs, shorted pairs, reversed pairs, crossed pairs and split pairs. Push the TEST button and the CAT-107G will automatically scan for any existing faults in your cable. The specially designed remote terminator is provided for one-person testing of installed cables. The tone generator function can be used to send a signal through installed cables which can be traced with most cable tracers on the market.

Ordering Information:		MAT #
CAT-107G	**Remote Network Cable Tester w/ Tone Generator**	**1157497**
	includes: (1) Carrying Pouch, (1) Remote Terminating Cable & (4) AAA Batteries	

Wire Reel Brake Replacement   **WR-102BRK**

PUT THE BRAKES ON!!!

**Rubber Wheel
Repair Kit
Part # WR-102RWK**
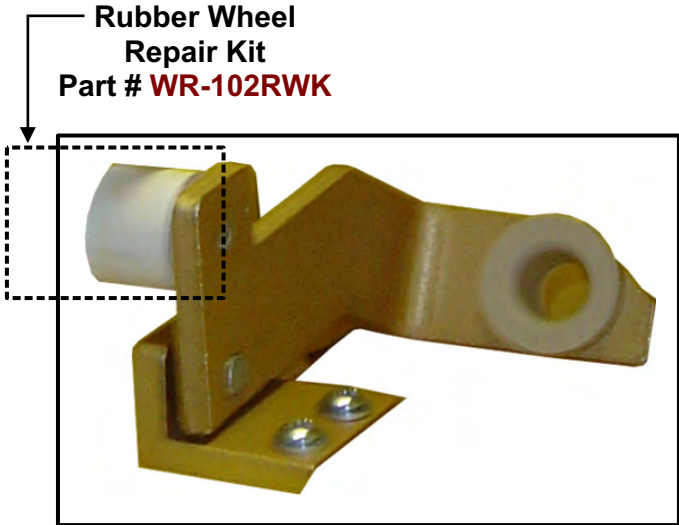
**Wire Reel Brake
Replacement
Part # WR-102BRK**
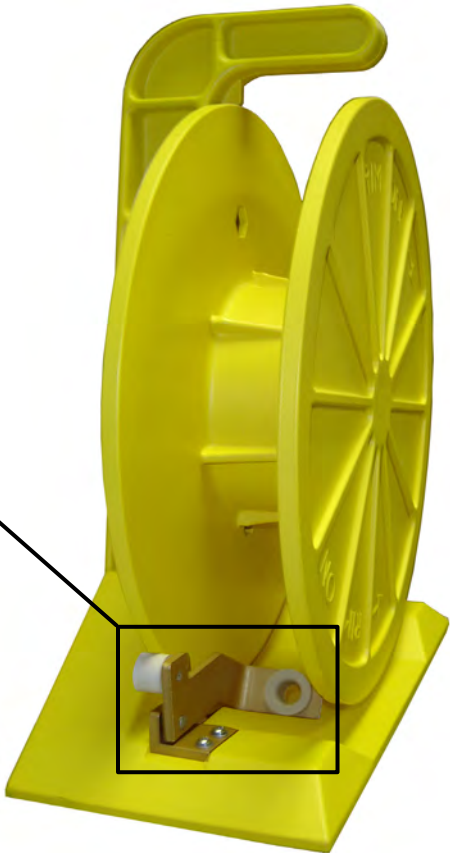
▶ *Avoid cross connect wire spool
tangles and wasting of wire.*

▶ *The WR-102BRK replaces broken
and/or worn-out brakes.*

**New Brake Assemblies for
Central Office Wire Reels**
(wire reel is not included)

Ordering Information: <u>MAT #</u>

WR-102BRK	**Cable Reel Brake Assembly w/ Grommet & Brake**	**1157502**
WR-102RWK	**Rubber Wheel Repair Kit** includes (4) Rubber Wheels & (4) Retaining Spring Clips	**1157450**

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DLC Cord Kit — DLC-KITQWT

(1) # TCC-001P - MAT # 1157462
Carrying Case
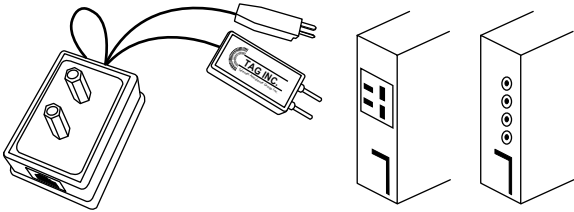
(1) # 4003956 - MAT # 1157496
"The Slick Cord" - Series 5 & SLC 96

(2) # ST400210A-06 - MAT # 1157472
Bantam to (2) Alligator Clips, (6')

(1) # 400703-25
DB 9 Pin (female) to DB 25 Pin (male), (25')

(2) # 408210
Bantam to 800 DSX, (6')

(1) # 400722ADSL
Catena DB 9 Pin (female) to RJ45, (6')

(2) # 400210WP
Bantam to Wire Wrap Terminals, (6')

(1) # 400720
DB 9 Pin (male) to DB 9 Pin (female), (6')
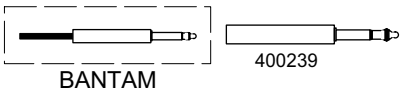
(2) # 400239 - MAT # 1157438
Bantam to 310 Conversion Plug

(1) # 400703H-25
DB 9 Pin (male) to DB 25 Pin (male), (25')

(1) # 400440BLP
BNC Loopback Cord, (9")
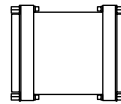
(1) # 400725N
DB 25 Pin (male) to DB 25 Pin (female) "NULL" Adapter

(1) # 400210BK - MAT # 1157483
Bantam to Bantam, RX - Black, (6')

(1) # 400448XP-10
DMX Provisioning (CAT5E) Cross-Over Cable, (10')

(1) # 400210RD - MAT # 1157482
Bantam to Bantam, TX - Red, (6')

(1) # 400448-06
RJ48 to RJ48, (6')

Ordering Information:

DLC-KITQWT — **DLC Cord Kit**
includes: (2) ST400210A-06, (1) 400210BK, (1) 400210RD, (2) 408210, (1) 400720, (2) 400210WP, (2) 400239, (1) 4003956, (1) 400725N, (1) 400703-25, (1) 400448XP-10, (1) 400440BLP, (1) 400703H-25, (1) 400722ADSL , (1) 400448-06 & (1) TCC-001P

MAT # 1157495

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JDSU HST-3000* Cord Kit   KIT-HST3000H4

Test Cord Kit for use with
JDSU HST-3000*

-Individual items can also be ordered-

Provides a carrying case with all the
cords that a "Tech" needs in the field

8 Pouch Carrying Case
Part # TCC-001P

HST3000 to 463A Protector (Red), (6')	HST3000 to 463A Protector (Blue), (6')
Part # ACT-400100SRD	**Part # ACT-400100SBY**

HST3000 to Mini Test Clips (Red), (6')	HST3000 to Mini Test Clips (Blue), (6')
Part # ACT-400100TRD	**Part # ACT-400100TBY**
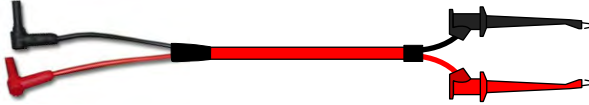
HST3000 to Bantam (Red), (6')	HST3000 to Bantam (Blue), (6')
Part # ACT-400100BRD	**Part # ACT-400100BBY**

HST3000 to RJ48C - (T1), (6') (RJ48 Pins 1,2,4,5)	HST3000 to RJ48S - (DDS), (6') (RJ48 Pins 1,2,7,8)
Part # ACT-400148BY	**Part # ACT-400148SBY**
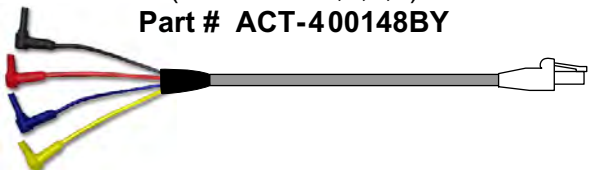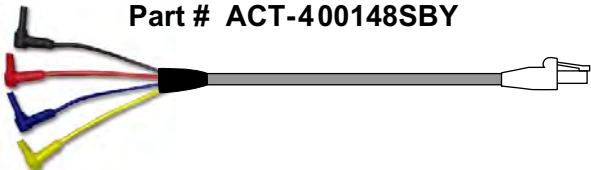
Ordering Information:

KIT-HST3000H4   **HST-3000* Cord Kit**
includes: (1) ACT-400100SRD, (1) ACT-400100SBY,
(1) ACT-400100TRD, (1) ACT-400100TBY,
(1) ACT-400100BRD, (1) ACT-400100BBY,
(1) ACT-400148SBY, (1) ACT-400148BY & (1) TCC-001P

MAT #
1157475

150 Cooper Rd. (F-15)
W. Berlin, NJ 08091

Telephone: (856) 753-8585
Fax : (856) 768-7645

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Telecom Assistance Group

xDSL Test Cord

6'

"Snagless"
RJ45

ALLIGATOR
CLIPS

WIRE
WRAPS

Exfo 635 / Colt 250*
Test Set (not included)
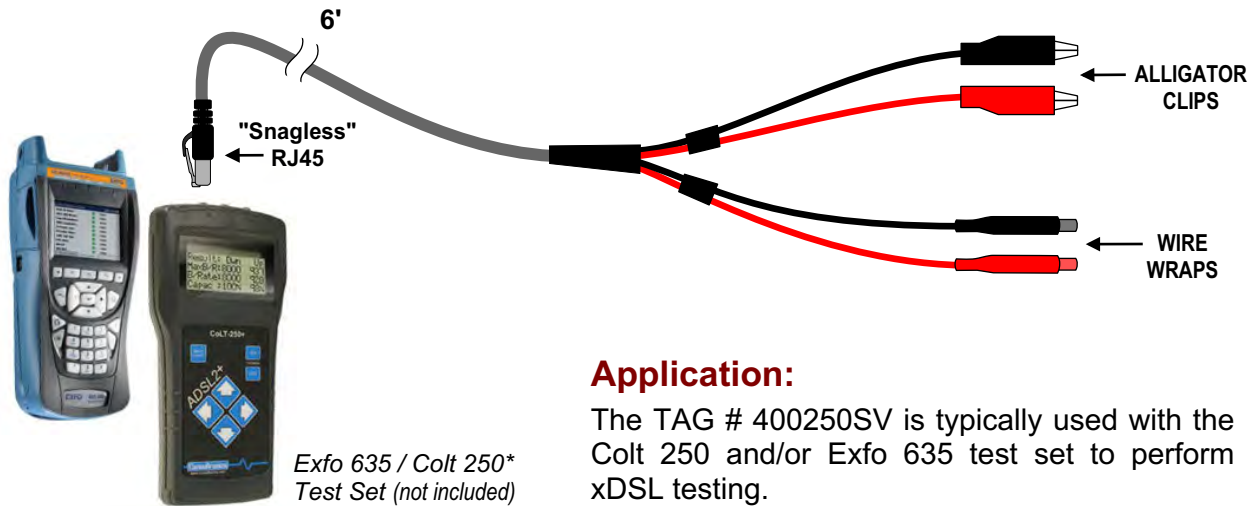
Application:

The TAG # 400250SV is typically used with the Colt 250 and/or Exfo 635 test set to perform xDSL testing.

Ordering Information:

		MAT #
400250SV	RJ45 (snagless) to Alligator Clips / Wire Wraps, (6')	1341497

Bonded ADSL2+ / VDSL2 Test Cord

8'

24"

RJ45
(PINS 4 & 5 - PAIR 1)
(PINS 3 & 6 - PAIR 2)

WIRE
WRAPS
(BLUE - PAIR 1)

WIRE
WRAPS
(RED - PAIR 2)

JDSU HST-3000**
Test Set (not included)
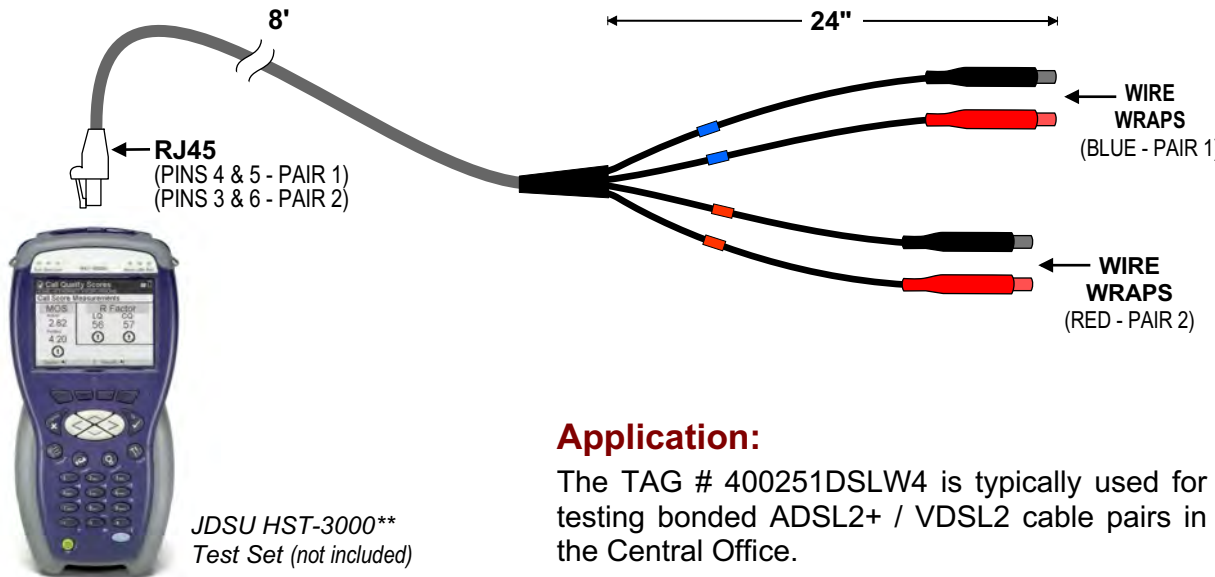
Application:

The TAG # 400251DSLW4 is typically used for testing bonded ADSL2+ / VDSL2 cable pairs in the Central Office.

Ordering Information:

		MAT #
400251DSLW4	RJ45 to (4) (2 Blue / 2 Red) Wire Wraps, (8')	1339897

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MLT Load / Test Box

400301MLT

"Hang-up Cord"

Hollow Post access Alligator Clips

ROH Switch (Receiver Off Hook)

Switch for "Quick Tests"

"Easy Access at Coil"

RJ11 Modular Jack Access

(Short Pins Used)

TAG's MLT Load/Test Box (400301MLT) provides a convenient and easy means to **Test** with **MLT** on **New Installs** and **Calibrate "Loop Resistance**.

Simply plug the MLT Load/Test Box on the circuit to test with MLT. Establish communication with a MLT tester to verify results.

Note: TAG offers a "Hands Free" Telephone Set - Model WT-1K for added convenience. A sturdy switch on the MLT Load/Test Box allows selecting the following tests:

- **Tip to Ring Short**
- **Tip to Ring Load (10K)**
- **Tip to Ground (10K)**

- **Ring to Ground (10K)**
- **Ringer Test Load (>.75A)**
- **Thru to Hollow Posts and RJ11** (just in case)

The MLT Load/Test Box plugs to various interface points for ease of testing with MLT.
The 400301MLT can be equipped with "coil access" at the RT, RJ11 access at the NID
or Alligator Clips for general purpose.

Ordering Information:		MAT #
400301MLT	**Cord Protector MLT Test Box, (6')**	**1157498**

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W. Berlin, NJ 08091

Telephone: (856) 753-8585
Fax : (856) 768-7645

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Telecom Assistance Group

Apparatus Cases (T1, HDSL, DDS)

EXT-209
T1 Loopback Extender
(w/ Bantam Jacks)

Application:

- Universal interface to all test sets

- Loops signal and simplex current

- Isolates trouble to repeater or cable

- Bantam Jack access eliminates special probes and cables

- Direct metallic bridging allows current, voltage and loop resistance measurements

MAT #
1157489

EXT-209T
T1 Repeater Extender
(w/ Bantam Jacks)

Application:

- Span current test points

- Loops signal and simplex current

- Test repeaters in the field

- Bantam Jack access to monitor/transmit QRSS, 3 in 24 from test sets

- Direct metallic bridging allows current, voltage and loop resistance measurements

MAT #
1157488

EXT-238
T1 Line Repeater Wiring Access Board
(w/ Bantam Jacks)

Brightspeed SAP MAT #
1157499

Application:

The EXT-238 plugs into T1, 56KB, HDSL, and ISDN apparatus cases for easy access to wiring via "bantam jacks." Plug the EXT-238 into mini T1 line repeater slots to verify wiring and perform cable loss test (T1 acceptance test).

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Telecom Assistance Group

T1 Repeater Test Kit   EXT-238K3

The EXT-238K3 Kit is designed for technicians who test at T1 Line Repeater Housings, such as 818 apparatus cases. (see Fig. 1) The Kit Includes:

Fig. 1

Brightspeed SAP MAT #
1157439 (Kit)

EXT-238

(Pins 3 & 4)   SIDE 1   OUT
(Pins 5 & 6)   SIDE 1   IN

Telecom Assistance Group
(856) 753-8585

(Pins 8 & 9)   SIDE 2   OUT
(Pins 11 & 12)   SIDE 2   IN

(1) # EXT-238
T1 Line Repeater Access Board

Brightspeed SAP MAT #
1157499   (test board only)

TAG INC.
Telecom Assistance Group, Inc.
www.tagcords.com
"The Cord Company" and more . .
856-753-8585

(1) # 600209
Carrying Case

MAT #
1157463
(carrying case only)

(1) # 400210RD-03
Bantam to Bantam - Red, (3')

(1) # 400210ARD-03
Bantam to Alligator Clips - Red, (3')

(1) # 400210BK-03
Bantam to Bantam - Black, (3')

(1) # 400210ABK-03
Bantam to Alligator Clips - Black, (3')

Ordering Information:

Brightspeed SAP MAT #

		Brightspeed SAP MAT #
EXT-238K3	**T1 Repeater Access Kit**	**1157439**

includes: (1) EXT-238, (1) 400210RD-03, (1) 400210BK-03,
(1) 400210ARD-03, (1) 400210ABK-03 & (1) 600209

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W. Berlin, NJ 08091

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Fax :   (856) 768-7645

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T1 Repeater Wiring Access Board

EXT-239E
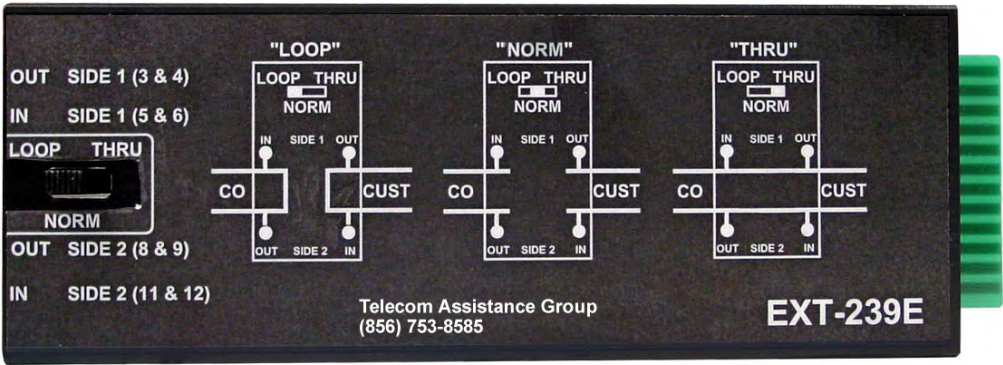
EXT-239E

Plugs into T1, 56KB, HDSL, ISDN Apparatus Cases

Bantam Jacks

** Replaces 254A
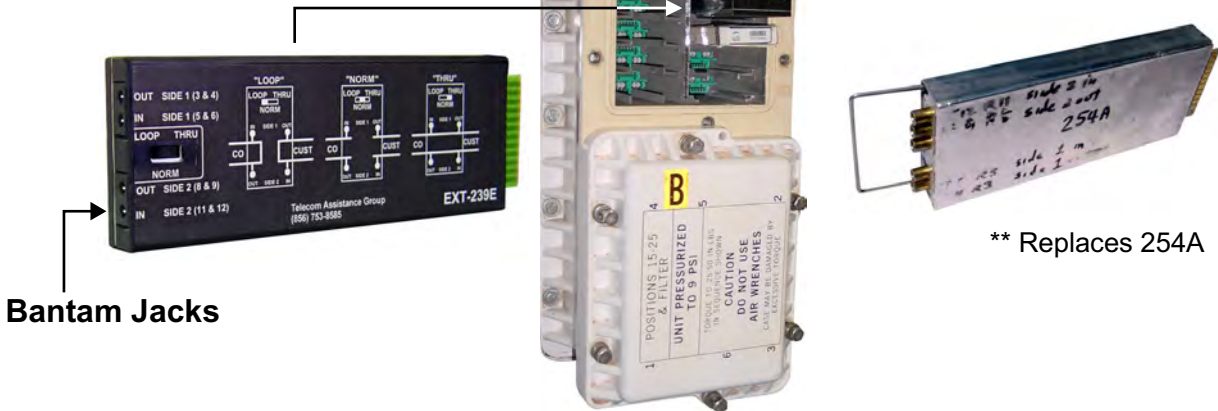
Features:

- <u>Enhanced switch settings</u> for Thru, Norm, and Loop testing at T1 line repeater apparatus cases.
- Metallic access at T1 line repeater slots.
- Use with test sets to perform Cable Loss, Resistance, or TDR test set to locate load coils.

Ordering Information:

		MAT #
EXT-239E	T1 Repeater Wiring Access Board w/ Bantam Jacks	1157440

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Adtran

"Total Access 3000"

MAT #
1157451

ST-TA3000CU
Adtran **Total Access 3000**
CU Streaker Card
w/ LEDs

Application:

The ST-TA3000CU provides both continuity testing and jack access for signal acceptance testing from the Adtran Total Access 3000 CU card slot to the cross-connect wiring points.

TB-TA3000CU
Adtran **Total Access 3000** Test Board
w/ Bantam Jacks

Application:

The TB-TA3000CU plugs in the Adtran Total Access 3000 card slots and has Bantam jacks that allow access to the cabling from the card slot to the cross-connect wiring points. Using a T1 Test Set, the tester can transmit and receive T1 signals to verify cable acceptance and continuity.

MAT #
1157444

Accessories:		MAT #
P-2000	Protected Test Probe w/ LED	1157493
600209N	Carrying Case	1157177

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Fax : (856) 768-7645

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Office Repeater / Wiring Access Boards

TB-86B
"DDM Plus"
Office Repeater Test Board
(w/ Bantam Jacks)

MAT
1157445

TB-231B
"220"
Office Repeater Test Board
(w/ Bantam Jacks)

MAT
1157441

TB-3192B
"3190 / 3192"
Office Repeater Test Board
(w/ Bantam Jacks)

MAT
1157442

TB-400B
**"HDSL - HRU"**
Wiring Access Board
(w/ Bantam Jacks)

MAT
1157443

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Fax : (856) 768-7645

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Telecom Assistance Group

Adtran

"Total Access 5000"

ST-T5K-SHDSL
Adtran TA5000
SHDSL Streaker Card

32 Port (w/ 64 LEDs)

MAT #
1108511

ST-T5K-SPLTRV
Adtran TA5000
V2 Splitter Streaker Card

32 Port (w/ 128 LEDs)

MAT #
1157455

ST-T5K-DS1
Adtran TA5000
DS1 Streaker Card

*(Can be used for both 32 port DS1 &
32 port DS1 Voice Gateway)*
(w/ 128 LEDs)

MAT #
1157459

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Fax : (856) 768-7645

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Adtran

"Total Access 5000"

ST-T5K-COMBO
Adtran TA5000
Combo Streaker Card

24 Port (w/ 48 LEDs)

MAT
1121914

ST-T5K-8HT1
Adtran TA5000
8 Port HDSL/T1 Streaker Card

8 Port (w/ 32 LEDs)

MAT
1157456

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Fax : (856) 768-7645

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ArcaDacs Streaker Kit

CT-50ARCKIT

(1) # P-2000
Protected Test Probe w/ LED

(1) # 400409
Ground Cord, (6')

(1) # 300187-16
50 Pin Amphenol Cable
(Specialty Extension Cable - (8'))

(1) # CT-50ARC
50 Pin Amphenol Cable Streaker Unit

BX-50*
50 Pin Breakout Box
*sold separately

(1) # 600209N
Carrying Case

Ordering Information:

		MAT #
CT-50ARCKIT	**50 Pin Amphenol Cable Streaker Unit Test Kit**	**1108178**
	includes: (1) CT-50ARC, (1) 300187-16, (1) 400409, (1) P-2000 & (1) 600209N	
CT-50ARC	**50 Pin Amphenol Cable Streaker Unit**	**1106075**
400409	**Continuity Ground Cord, (6')**	**1157476**
P-2000	**Protected Test Probe w/LED**	**1157493**
600209N	**Carrying Case**	**1157117**
BX-50	**Wiring Access 50 Pin (Amphenol) Breakout Box**	**1157448**
not included in kit - please order separately		

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Calix E7-2 Streaker Kit   E7-2-KIT-01

"Calix E7-2"

(1) # ST-CALIX-E7-2
Calix E7-2 Streaker Card, 48 Port w/ 96 LEDs

Application:

The ST-CALIX-E7-2 provides a quick method to "streak", verify wiring via LEDs, from the backplane of the Calix E7-2 to the Frame. At the Frame simply ground the corresponding pins and the ST-CALIX-E7-2 will light the LED associated with that connection.

KIT INCLUDES CARRYING CASE

Approx. Dimensions: 16" (H) x 20" (L)

(1) # P-2000
Protected (-48V) Test Probe w/ LED, (6')

(1) # 400409
Pin Plug to Alligator, (6')

(1) # 600209XL
Carrying Case

Ordering Information:

		MAT #
E7-2-KIT-01	**Calix E7-2 Streaker Kit**	**1250641**
	includes: (1) ST-CALIX-E7-2, (1) 400409, (1) P-2000 & (1) 600209XL - carrying case	
P-2000	**Protected Test Probe w/ LED**	**1157493**
600209XL	**Carrying Case**	**1157460**

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Fax : (856) 768-7645

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Telecom Assistance Group

Portable "C" HDSL Powering / Test Unit Kit   PHTUC-QWE01

4C-A-12
order separately

T
R
T1
R1

LOOP 1
LOOP 2

400210BK

AC Powered
(Cord Included)

POWER 115VAC

(card not included)
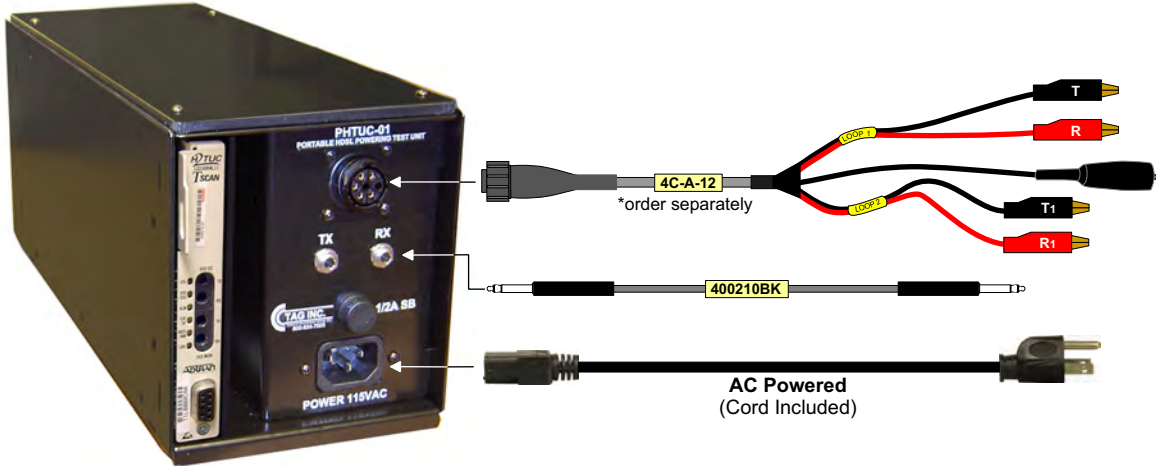
▶ **Portable Powering / Test Unit**   ▶ **Isolates Troubles**   ▶ **New Installs**
▶ **Bantam Jacks for T1 Test Sets**   ▶ **1 Slot (2 & 4 Wire)**   ▶ **3192 Mech.**

HDSL Application Diagram

DSX — CO HTU-C — PHTUC-01 — TX — RX

TX / RX — T1 Test Set

DBL/1 — HTU-R — NID SMART JK

Loop 1 — Loop 1 — TX
HDSL — HDSL — DS1 — CPE
Loop 2 — Loop 2 — RX

Ordering Information:

MAT #
1201288
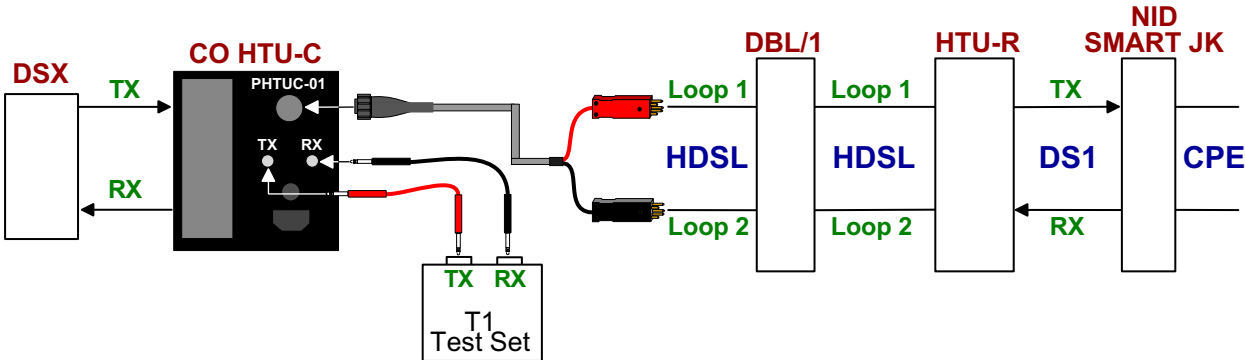
PHTUC-QWE01	**Portable "C" HDSL Powering / Test Unit Kit** Includes: (1) PHTUC-01, (1) 400210RD, (1) 400210BK, (1) 4C-463LY-12, (1) 4C-412LY-12, (1) 4C-PORTLY-12 & (1) 600510 - Carrying Case	
4C-A-12	**Male Lock Plug to (4) Std Alligator Clips w/ GND, (12')**	**1230934**
4C-6P-12	**Male Lock Plug to (4) 6P Alligator Clips w/ GND, (12')**	**1230936**
4C-412LY-12	**Male Lock Plug to 412 Long "Y", (12')**	**1230933**
4C-463LY-12	**Male Lock Plug to 463 Long "Y", (12')**	**1230932**
400210BK	**Bantam to Bantam Test Set Cord - Black, (6')**	**1157483**
400210RD	**Bantam to Bantam Test Set Cord - Red, (6')**	**1157482**

T-Berd* 209 OSP Test Set Kits & Battery Replacements

400209OSP
15 Pin D (male) to Bendix Connector, (10')

BR-209OSP
Battery Replacement for T-Berd 209

T-Berd 209 OSP Test Set
(not included)

Bendix

10'

15 Pin D (male)

Finger Guard *(included)*

EXT-209OSP
T-Berd 209 OSP
"Smart" Repeater Adapter
w/ 15 Pin D Connector

T-Berd 209 OSP Test Set
(not included)

▶ **12V DC / 2.8 Ah**

▶ **Drop-in Replacement**

▶ **3yr Warranty**
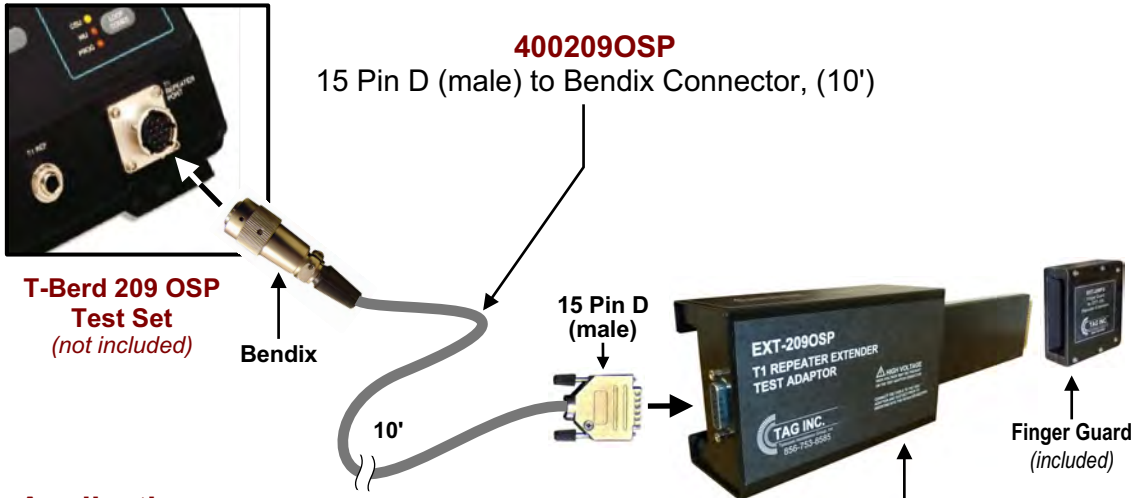
Application:

TAG's # 400209OSP is the auto-test replacement cable for the T-Berd 209 OSP. The # 400209OSP connects from the Bendix connector on the T-Berd 209 OSP Test Set to the 15 pin connector on the "smart" repeater adapter (TTC 41754 or TAG's # EXT-209OSP).

Ordering Information:

		Brightspeed SAP MAT #
KIT-209OSP	**T-Berd 209 OSP Auto Test T1 Repeater Test Kit**	**1456791**
	includes: (1) EXT-209OSP, T-Berd 209 OSP "Smart" Repeater Adapter w/ 15 Pin D Connector *(includes Finger Guard # EXT-209FG)* (1) 400209OSP, 15 Pin D (male) to Bendix Connector, (10') & (1) 600209N - 9" (H) x 16" (L) Carrying Case	
		MAT #
400209OSP	**15 Pin D (male) to Bendix Connector, (10')**	**1282722**
BR-209OSP	**Battery Replacement for T-Berd 209**	**1250307**

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NEBS Certified - 5ESS Solid State Drive Solutions from TAG

5ESS SWITCH w/ EXISTING DRIVES
(w/ "MOVING PARTS")

(6) HD
(1) DAT

HARD DRIVES
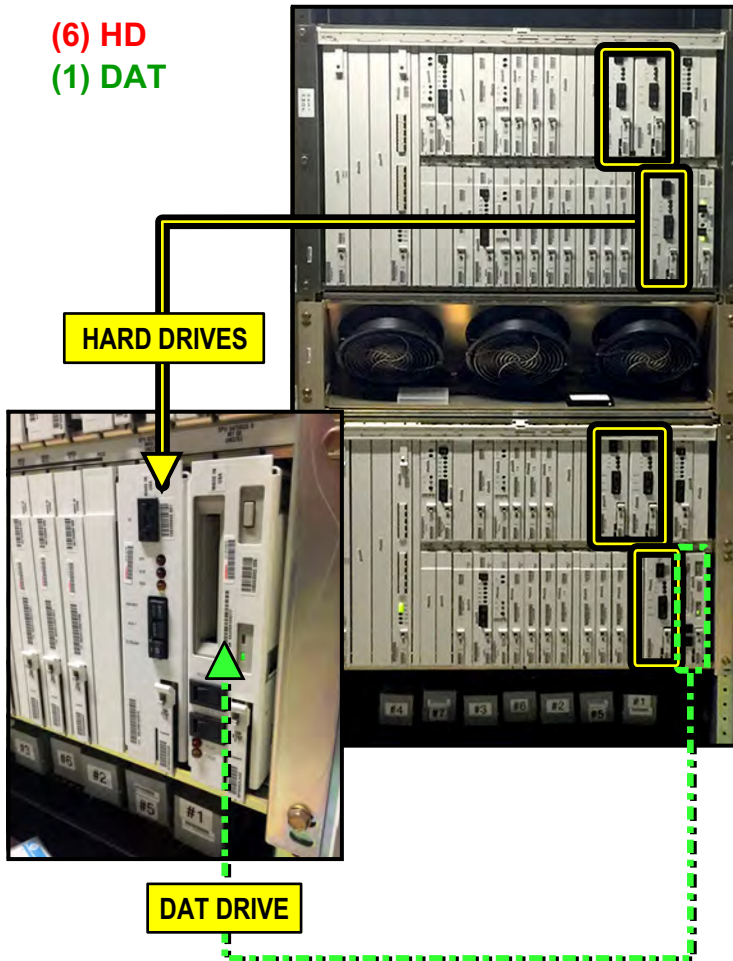
DAT DRIVE

NEW SOLID STATE DRIVES FROM TAG

NEW HARD DRIVE
(installed on **UN375E/F** circuit pack)

NEW DAT DRIVE w/ COMPACT FLASH
(installed on **UN376E/F** circuit pack)

COMPACT FLASH
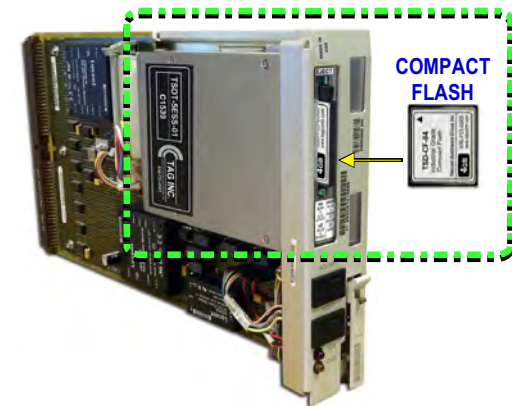
Application:

TAG can **REPLACE** failing / broken 5ESS Hard Drives & DAT Drives with **NEW** Solid State SCSI Drives.

TAG MODEL #	USED ON UN375E AND UN375F CIRCUIT PACKS (HD)	
TSD-5ESS-01 **MAT # R1354898**	Solid State Replacement for: **Hard Drive**, HECI code SP3QADRAAA (typical), KS-23908 QUANTUM 3.5 INCH SCSI	9.1 Gb

TAG MODEL #	USED ON UN376E AND UN376F CIRCUIT PACKS (DAT)	
TSDT-5ESS-01 **MAT # R1355139**	Solid State Replacement for: **DAT Drive**, C1539, HECI code SP3QADLAAC (typical), *Includes: 4Gb Industrial Compact Flash Card (# TSD-CF-04*)*	4 Gb
* Additional Compact Flash Cards are Available: 4Gb (# TSD-CF-04, Brightspeed SAP MAT # 1343960), 8Gb (# TSD-CF-08), 16Gb (# TSD-CF-16), 32Gb (# TSD-CF-32)		

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NEBS Certified - Ericsson AXE-10 IOG11 Drive Solutions from TAG

ERICSSON AXE-10 IOG11 MODULES
w/ EXISTING HARD DRIVE & OPTICAL DISK DRIVE
(w/ "MOVING PARTS")

AXE-10 IOG11 MODULES
w/ NEW SOLID STATE DRIVES FROM TAG

COMPACT FLASH

NEW HARD DRIVE

NEW ODD DRIVE

Application:

TAG can **REPLACE** failing / broken Hard Drives and Optical Disk Drives within Ericsson AXE-10 IOG11 Modules with **NEW** Solid State Drives.

NEW SOLID STATE DRIVES AVAILABLE FROM TAG

TAG MODEL #	USED IN AXE-10 IOG11 HARD DRIVE MODULE (HECI DNPQAL9AAA)	
TSD-AXE10-02 **MAT #** **R1343948**	Solid State Replacement for: **Ericsson AXE-10 IOG11** **Module # ROF 137 7942/8 R1A HD-B 2GB (HECI DNPQAL9AAA)** **Hard Drive**	2 Gb
TAG MODEL #	USED IN AXE-10 IOG11 ODD MODULE (HECI DNMYABKEAA)	
TSDT-AXE10-02 **MAT #** **R1343949**	Solid State Replacement for: **Ericsson AXE-10 IOG11** **Module # ROD 907 32 (HECI DNMYABKEAA)** **Optical Disk Drive** *Includes: 4Gb Industrial Compact Flash Card (# TSD-CF-AXE)*	4 Gb

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2024 Brightspeed MAT/Master/pg28_r01.dsf (10/23/24)

NEBS Certified - Siemens EWSD Drive Solutions from TAG

SIEMENS EWSD w/ EXISTING DRIVES
MAGNETO-OPTICAL (MO) & HARD DISK (HDD)
(w/ "MOVING PARTS")

HARD DISK (HDD)

MAGNETO-OPTICAL (MO)

NEW SOLID STATE DRIVES FROM TAG

HDD   **MO**

INCLUDES MOUNTING CARD

NEW HDD DRIVE

NEW MO DRIVE w/ COMPACT FLASH

INCLUDES MOUNTING CARD

Application:

TAG can <u>REPLACE</u> failing / broken Siemens EWSD Magneto-Optical (MO) & Hard Disk (HDD) Drives with <u>NEW</u> Solid State Drives.
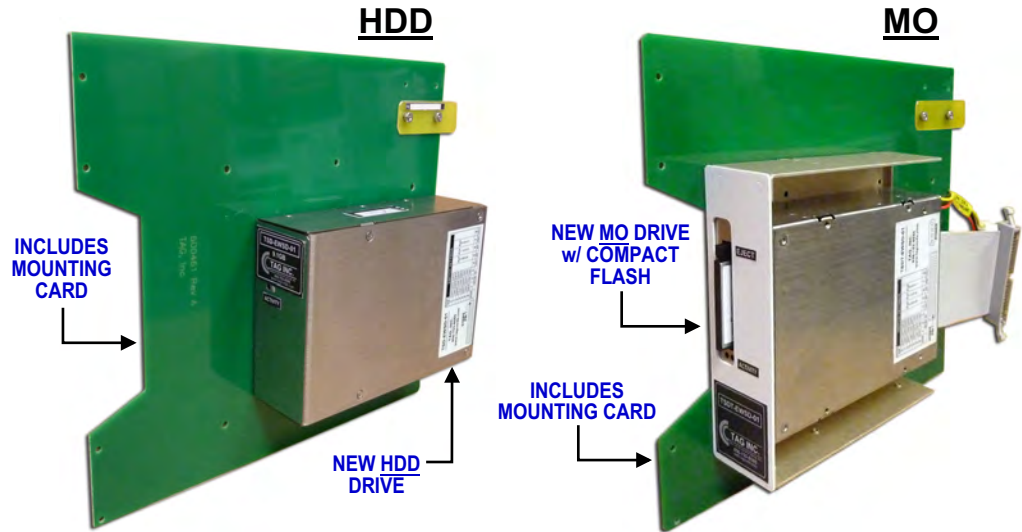
NEW SOLID STATE DRIVES AVAILABLE FROM TAG

TAG MODEL #	*USED IN SIEMENS EWSD HDD MODULE (HECI EQMYAE0DAA)*	
TSD-EWSD-01 **MAT #** **R1344482**	Solid State Replacement for: **Siemens EWSD** Module # S30807-U2594-X300 (HECI EQMYAE0DAA) **Hard Disk Drive (HDD) w/ Mounting** (S30122-U789-X-2 (ST-39173N))	9.1Gb
TAG MODEL #	*USED IN SIEMENS EWSD MO DRIVE MODULE (HECI EGM8JF0BRA)*	
TSDT-EWSD-01 **MAT #** **R1344483**	Solid State Replacement for: **Siemens EWSD** Module # S30807-U2593-X200 (HECI EGM8JF0BRA) **Magneto-Optical (MO) Drive w/ Mounting** (S30122-U563-X400) *Includes: 4Gb Industrial Compact Flash Card (# TSD-CF-04*)*	4Gb
	* Additional Compact Flash Cards are Available: *4Gb (# TSD-CF-04, Brightspeed SAP MAT # 1343960), 8Gb (# TSD-CF-08), 16Gb (# TSD-CF-16), 32Gb (# TSD-CF-32)*	

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NEBS Certified - Stromberg Carlson DCO Drive Solutions from TAG

DCO MSDA 822010 CIRCUIT PACKS
w/ EXISTING HARD DRIVE & TAPE DRIVE (w/ "MOVING PARTS")

NEW SOLID STATE DRIVES FROM TAG
(INSTALLED ON EXISTING CIRCUIT PACKS)

OLD HARD DRIVE

OLD TAPE DRIVE

NEW HARD DRIVE

NEW DAT TAPE DRIVE

COMPACT FLASH

EXISTING MSDA (DISK) 822010 CIRCUIT PACK

EXISTING MSDA (TAPE) 822010 CIRCUIT PACK

TAG MODEL #	USED ON EXISTING MSDA (DISK) 822010 CIRCUIT PACK
TSD-DCO-01 **SAP MAT # R1355062**	Solid State Replacement **Hard Drive** used on: **Stromberg Carlson DCO,** MSDA (DISK) 822010-**706, 4.5Gb**
TSD-DCO-02 (CALL)	Solid State Replacement **Hard Drive** used on: **Stromberg Carlson DCO,** MSDA (DISK) 822010-**716, 9Gb**

TAG MODEL #	USED ON EXISTING MSDA (TAPE) 822010 CIRCUIT PACK
TSDT-DCO-01 **SAP MAT # 1355063**	Solid State Replacement **DAT Tape Drive** used on: **Stromberg Carlson DCO,** MSDA (TAPE) 822010-**536,** 822010-**616**, 822010-**646**, 822010-**656** *Includes: 4Gb Industrial Compact Flash Card (SAP MAT # 1343960, # TSD-CF-04)*
TSDT-DCO-02 (CALL)	Solid State Replacement **DAT Tape Drive** used on: **Stromberg Carlson DCO,** MSDA (TAPE) 822010-**726** *Includes: 4Gb Industrial Compact Flash Card (SAP MAT # 1343960, # TSD-CF-04)*

Application:

TAG can **REPLACE** older or failing Hard (Disk) Drives & DAT Tape Drives on existing Stromberg Carlson DCO, MSDA 822010 circuit packs with **NEW** Solid State Drives.

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NEBS Certified - DMS-10 (NT8T90BB) Drive Solution from TAG

NORTEL DMS-10 NT8T90BB MODULE
w/ Hard Drive (w/ "MOVING PARTS")

NEW SOLID STATE DRIVE FROM TAG

EXISTING NT8T90BB MODULE

OLD HARD DRIVE

NEW TAG HARD DRIVE
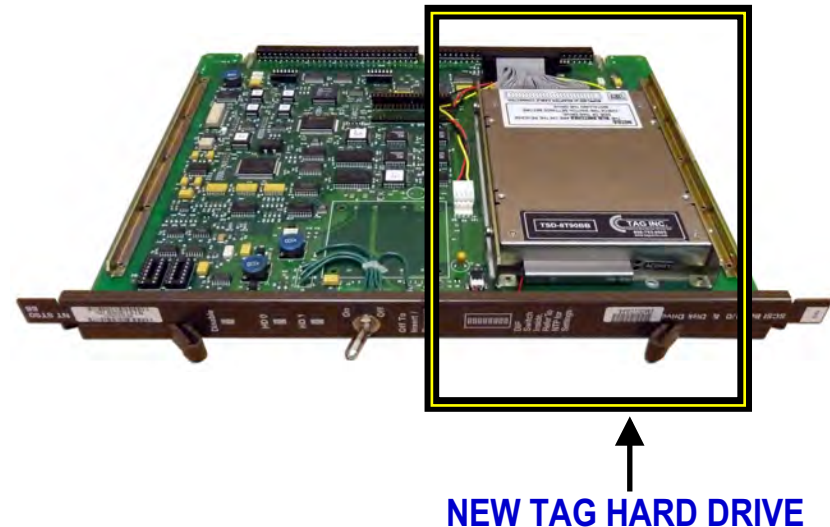
Application:

TAG can **REPLACE** the failing / broken Nortel DMS-10 Hard Drive in the NT8T90BB Module with a **NEW** Solid State Drive.

NEW SOLID STATE DRIVE AVAILABLE FROM TAG

TAG MODEL #	*USED IN NT8T90BB MODULE (HECI EMI2CLCBAA)*
TSD-8T90BB **MAT #** **R1350768**	Solid State Replacement for: **Nortel DMS-10 (HECI EMI2CLCBAA) NT8T90BB Hard Drive**

NEBS Certified - DMS-10 (NT4T32BA) Drive Solution from TAG

NORTEL DMS-10 NT4T32BA MODULE
w/ Magneto-Optical (MO) Drive (w/ "MOVING PARTS")

NEW SOLID STATE DRIVE FROM TAG

INCLUDES 4GB COMPACT FLASH

EXISTING NT4T32BA MODULE

OLD MO DRIVE

NEW TAG MO DRIVE w/ CF CARD
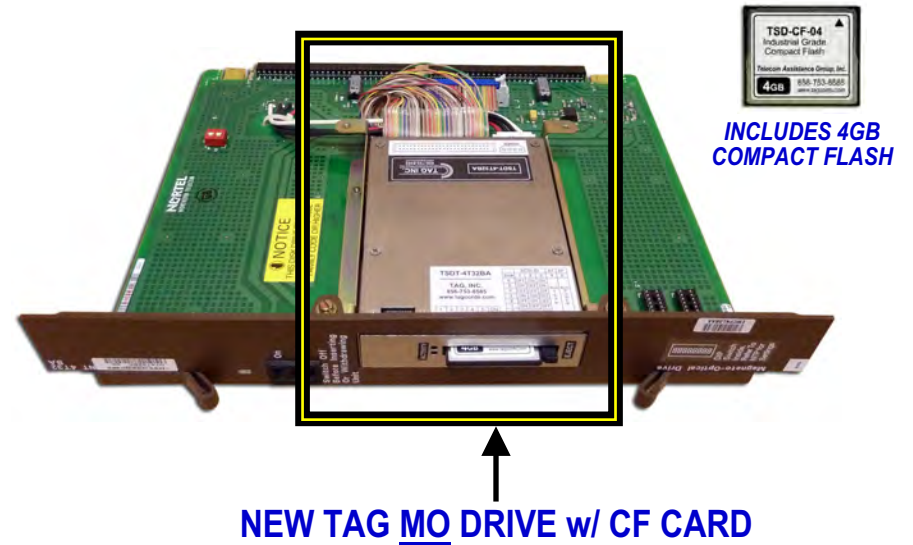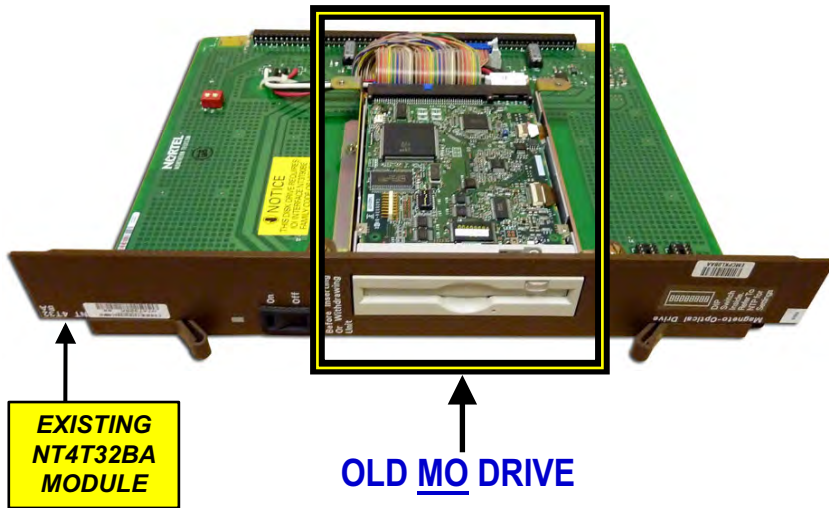
Application:

TAG can **REPLACE** the failing / broken Nortel DMS-10 Magneto-Optical (MO) Drive in the NT4T32BA Module with a **NEW** Solid State Drive.

NEW SOLID STATE DRIVE AVAILABLE FROM TAG

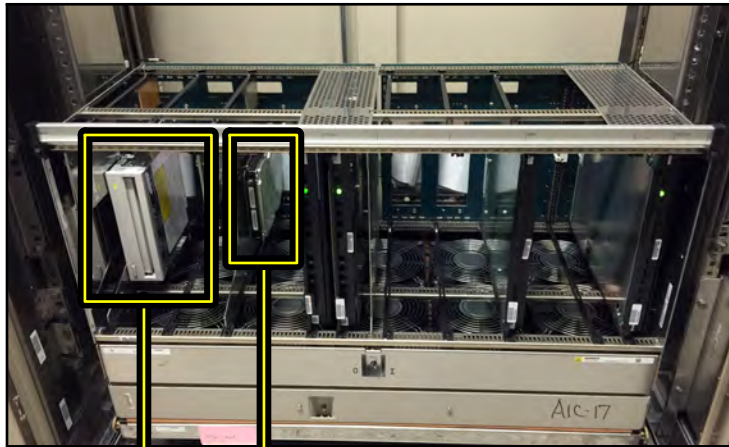| TAG MODEL #	*USED IN NT4T32BA MODULE (HECI EMCPKL0BAA)*
TSDT-4T32BA **MAT #** **R1350767**	Solid State Replacement for: **Nortel DMS-10 (HECI EMCPKL0BAA) NT4T32BA (Fujitsu MCF3064 SS) Magneto-Optical (MO) Drive,** *Includes: 4Gb Industrial Compact Flash Card (# TSD-CF-04*)*
	* Additional Compact Flash Cards are Available: *4Gb (# TSD-CF-04, SAP MAT # 1343960), 8Gb (# TSD-CF-08), 16Gb (# TSD-CF-16), 32Gb (# TSD-CF-32)*

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Fax : (856) 768-7645

NEBS Certified - Nortel DMS-100 SLM (NT9X44AD) Drive Solutions from TAG

NORTEL DMS-100 SLM MODULE w/ EXISTING DRIVES (2 DRIVES w/ "MOVING PARTS")

(1) HARD DRIVE (INTERNAL)

(1) QIC TAPE DRIVE

NEW SOLID STATE DRIVES FROM TAG

NEW HARD DRIVE

COMPACT FLASH

TSD-CF-04 Industrial Grade Compact Flash
Telecom Assistance Group, Inc. 856-753-8585
4GB www.tagcords.com

NEW TAPE DRIVE

Application:

TAG can **REPLACE** the 2 failing / broken drives on the DMS SLM Module.

(1) Hard Drive NT9X44AD 3.1GB
(1) QIC Tape Drive 525MB NT9X4420 / NTA0643549

TAG can provide NEW Solid State Drives

NEW SOLID STATE DRIVES AVAILABLE FROM TAG

TAG MODEL #	*USED IN NT9X44AD MODULE (HECI ENPQAZV1AA) - (1 HD & 1 TAPE DRIVE)*	
TSD-9X44AD-01 **MAT #** **1457324**	Solid State Replacement for: **Nortel DMS-100 SLM, NT9X44AD (HECI ENPQAZV1AA) Hard Drive**	3.1 Gb
TSDT-9X44AD-02 **MAT #** **1457386**	Solid State Replacement for: **Nortel DMS-100 SLM, NT9X44AD (HECI ENPQAZV1AA) QIC Tape Drive** *Includes: 4Gb Industrial Compact Flash Card (# TSD-CF-04)*	4 Gb
	* Additional Compact Flash Cards are Available: *4Gb (# TSD-CF-04, SAP MAT # 1343960), 8Gb (# TSD-CF-08),16Gb (# TSD-CF-16), 32Gb (# TSD-CF-32)*	

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NEBS Certified - DMS-100 (XA-CORE, NTLX07AA) DAT Drive Solution from TAG

NORTEL DMS-100 XA-CORE, NTLX07AA MODULE w/ DAT Tape Drive (w/ "MOVING PARTS")
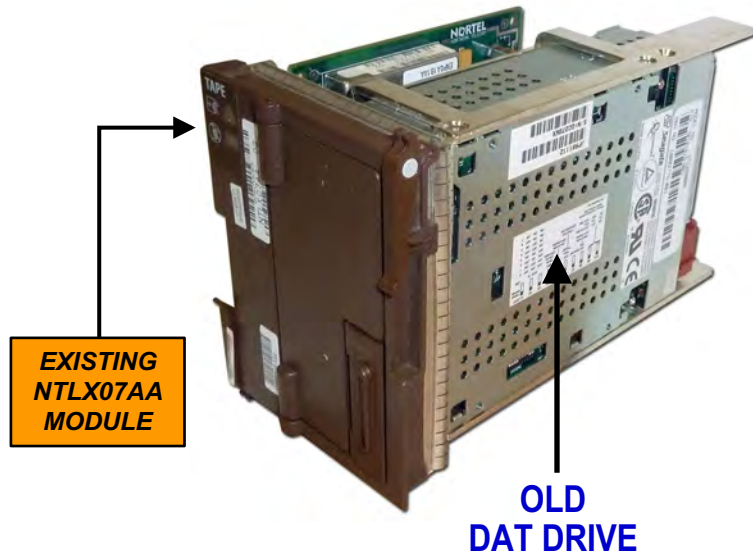
EXISTING NTLX07AA MODULE

OLD DAT DRIVE

NEW SOLID STATE DRIVE FROM TAG

COMPACT FLASH

NEW TAG DAT DRIVE
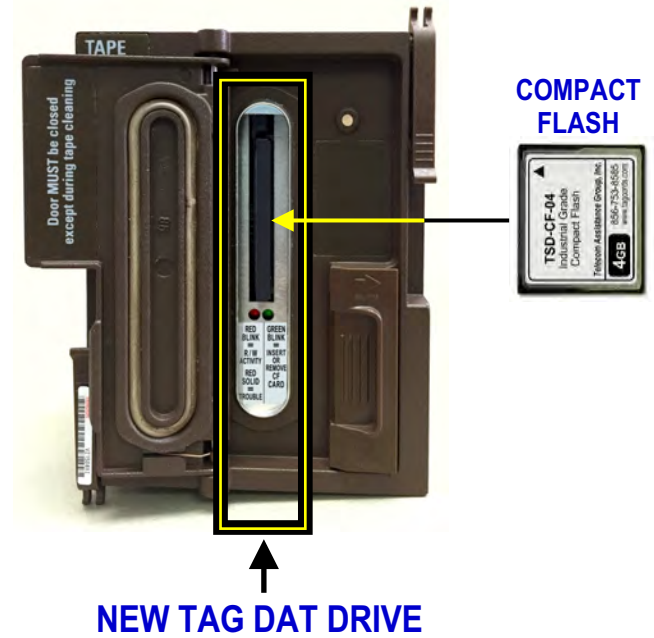
Application:

TAG can **REPLACE** the failing / broken Nortel DMS-100 DAT Tape Drive in the XA-CORE, NTLX07AA Module with a **NEW** Solid State Drive.

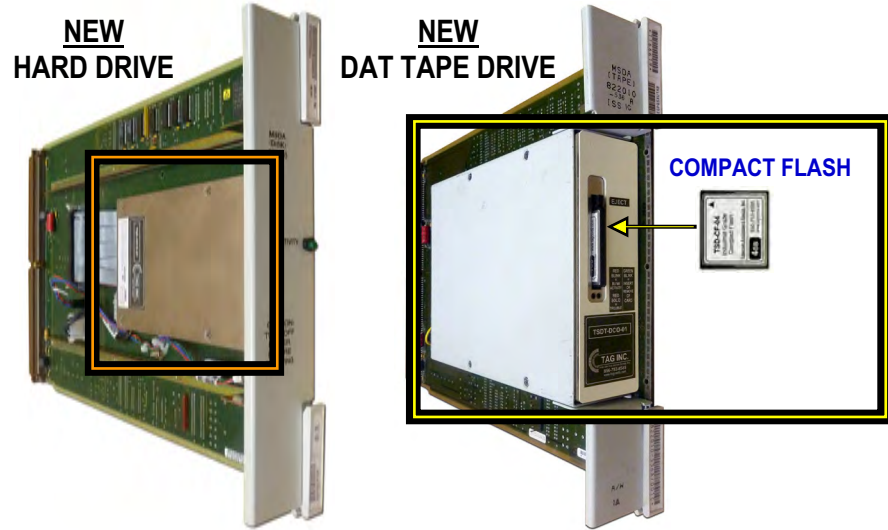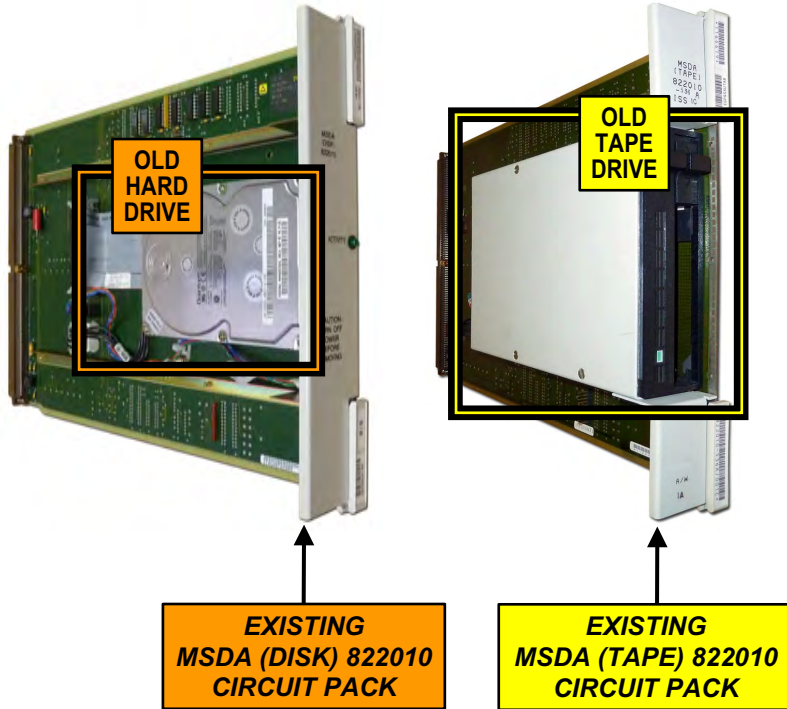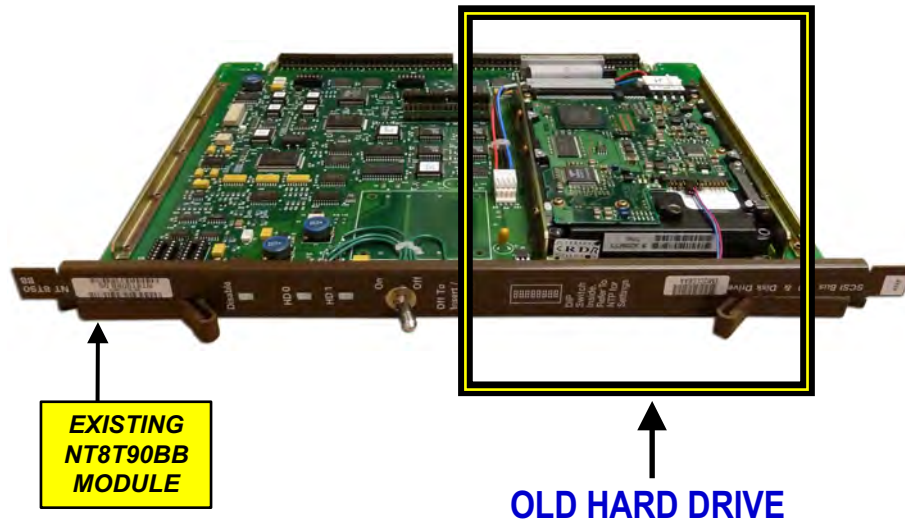| NEW SOLID STATE DRIVE AVAILABLE FROM TAG		
TAG MODEL #	*USED IN NTLX07AA MODULE (HECI ENPQA1B1AA)*	
TSDT-NTLX07-01 **MAT #** **1495798**	Solid State Replacement for: **Nortel DMS-100 (HECI ENPQA1B1AA) XA-CORE, NTLX07AA, DAT Tape Drive** *Includes: 4Gb Industrial Compact Flash Card (# TSD-CF-04*)*	4 Gb
* Additional Compact Flash Cards are Available: *4Gb (# TSD-CF-04, SAP MAT # 1343960), 8Gb (# TSD-CF-08),16Gb (# TSD-CF-16), 32Gb (# TSD-CF-32)*		

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Telephone: (856) 753-8585
Fax : (856) 768-7645
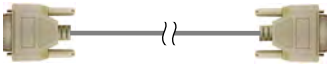
DMS Replacement Terminals - Dual Session

Model:

TT-DCAP-DMSKIT

RTIF & MAP

Kit Includes:

(1) 17" Flat Screen Monitor

(1) Dumb Terminal Controller

(1) Keyboard

(1) Quick Guide

(2) 400700,
(DB25F Gender Changer)

(1) 400725NTFX,
(DB25F Null Adapter Cable, (2'))

(2) 400725SB2,
(DMS Quick Connect Current Loop Adapter Cable w/ DEC Connector)

SPECIFICATIONS

- VT-100 COMPATIBLE
- DUAL RS-232 INPUTS
- PRINTER OUTPUT
- LOW POWER

Printer Port Type:

PARALLEL PRINTER | POWER 5V=DC | SERIAL PORT 2 | SERIAL PORT 1 | VIDEO | USB | KEYBOARD

Parallel *
* If a Serial Port is needed, please order a Parallel to Serial Adapter (# TT-PSA). Please call 856-753-8585 for more information.

Ordering Information:

Brightspeed SAP MAT #
1332219

TT-DCAP-DMSKIT **DMS Dual Session Replacement Terminal Kit**
includes: (1) 17" Flat Screen Monitor, (1) Keyboard,
(1) Dual Session Dumb Terminal Controller, (1) Quick Guide,
(2) # 400700 (DB25F Gender Changer)
(1) # 400725NTFX (DB25F Null Adapter Cable, (2')) &
(2) # 400725SB2 (DMS Quick Connect Current Loop Adapter Cable w/ DEC Connector)

TT-DCAP **DMS Dual Session Replacement Terminal** 1332260
includes: (1) 17" Flat Screen Monitor, (1) Keyboard,
(1) Dual Session Dumb Terminal Controller, (1) Quick Guide
(1) # 400725NTFX (DB25F Null Adapter Cable, (2')) &
(2) # 400700 (DB25F Gender Changer)

400725SB2 **DMS Quick Connect Current Loop Adapter Cable w/ DEC Connector** 1332198
400725SBW **Hardwire Adapter (not shown) for 400725SB2** 1332199

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DMS Replacement Terminals - Single Session

Model:

TT-SCAP-DMSKIT

Kit Includes:

(1) 17" Flat Screen Monitor

(1) Dumb Terminal Controller

(1) Keyboard

(1) Quick Guide

(1) 400700,
(DB25F Gender Changer)

(1) 400725NTFX,
(DB25F Null Adapter Cable, (2'))

(1) 400725SB2,
(DMS Quick Connect Current Loop
Adapter Cable w/ DEC Connector)

SPECIFICATIONS

- VT-100 COMPATIBLE
- SINGLE RS-232 INPUT
- PRINTER OUTPUT
- LOW POWER

Printer Port Type:

Parallel *
** If a Serial Port is needed, please order a Parallel to Serial Adapter
(# TT-PSA). Please call 856-753-8585 for more information.*

Ordering Information:

Brightspeed SAP MAT #
1332218

TT-SCAP-DMSKIT	**DMS Single Session Replacement Terminal Kit**	
	includes: (1) 17" Flat Screen Monitor, (1) Keyboard, (1) Single Session Dumb Terminal Controller, (1) Quick Guide, (1) # 400700 (DB25F Gender Changer) (1) # 400725NTFX (DB25F Null Adapter Cable, (2')) & (1) # 400725SB2 (DMS Quick Connect Current Loop Adapter Cable w/ DEC Connector)	
400725SB2	**DMS Quick Connect Current Loop Adapter Cable w/ DEC Connector**	1332198
400725SBW	**Hardwire Adapter (not shown) for 400725SB2**	1332199

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Single Session Dumb Terminals - Transport / DACS Equipment

NEW TERMINAL WORKS ON
Titan 5500, Stromberg Carlson (DCO),
CS1, CS1L, DACS II, III, IV, Alcatel 1631 & HDSL
(Titan 5500 shown below)

REMOVE & REPLACE
OLD / BROKEN CRTs ───────► **Brightspeed SAP MAT #**
1332217
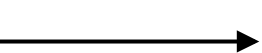
OLD

NEW

TITAN 5500

SPECIFICATIONS
- VT-100 COMPATIBLE
- SINGLE RS-232 INPUT
- PRINTER OUTPUT
- LOW POWER

New Terminal Includes:
(1) 17" Flat Screen Monitor
(1) Dumb Terminal Controller
(1) Keyboard
(1) Quick Guide
(1) 400701, (DB25M Gender Changer)

Ordering Information:

Brightspeed SAP MAT #

TT-VT100S **Single Session Dumb Terminal - Transport / DACS**   **1332217**
         includes: (1) 17" Flat Screen Monitor, (1) Keyboard,
                 (1) Single Session Dumb Terminal Controller,
                 (1) DB25M Gender Changer & (1) Quick Guide

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5ESS Terminal Replacements - Dual Session

Model:

TT-DCAPCE-N

MCC & TTY

Kit Includes:

(1) 17" Flat Screen Monitor

(1) Dumb Terminal Controller

(1) Keyboard

(1) Quick Guide

(2) 400701,
(DB25M Gender Changer)

(2) 400700N,
(DB25F Gender Changer - NULL)

SPECIFICATIONS

- VT-100 COMPATIBLE
- DUAL RS-232 INPUTS
- PRINTER OUTPUT
- LOW POWER

PARALLEL PRINTER   POWER 5V═DC   SERIAL PORT 2   SERIAL PORT 1   VIDEO   USB   KEYBOARD

Ordering Information:

TT-DCAPCE-N   Dual Craft Access System Kit - 5ESS

includes: (1) 17" Flat Screen Monitor
(1) Keyboard
(1) Dual Session Dumb Terminal Controller
(1) Quick Guide
(2) # 400701 (DB25M Gender Changer)
(2) # 400700N (DB25F Gender Changer - NULL)

Brightspeed SAP MAT #
1444029

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Telephone: (856) 753-8585
Fax : (856) 768-7645

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5ESS MCC Terminal w/ "Glass Printer" Feature

NEW "Glass Printer" Feature allows Capture of ROP & Scroll Reports

Benefits:

- **CAPTURE SCROLLING REGION & ROP INFORMATION WITHOUT PAPER**
- **ELIMINATE OLD TERMINALS, READ ONLY PRINTERS & PAPER WASTE**

(KEYBOARD FUNCTION TIPS)

SCRL ROP	PRTR ON/OFF	MCC GP
F10	F11	F12

OLD

NEW

GP = GLASS PRINTER

MCC VIEW

ROP PRINTER

SCROLL VIEW

ROP VIEW
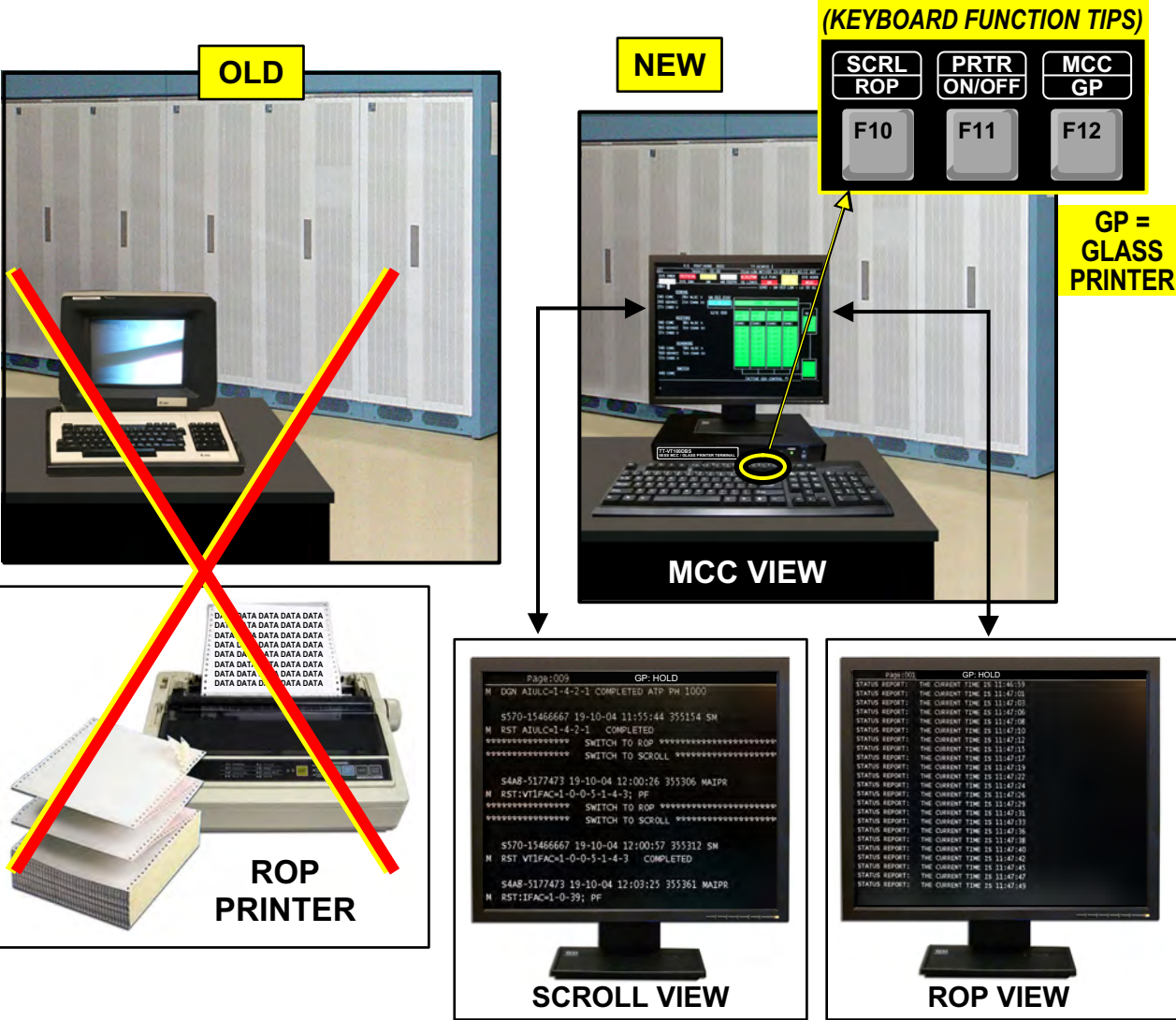
Ordering Information:

TT-VT100DBS   **5ESS MCC Terminal w/ "Glass Printer" Feature**
includes: (1) 17" Flat Screen Monitor, (1) Keyboard,
(1) MCC Terminal Controller w/ Glass Printer (Capture Scroll & ROP),
(2) # 400701, DB25M Gender Changers & (1) Quick Guide

Brightspeed SAP MAT #
1482000

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DMS-10/100 Pre-Charge Tool   T-DMSTBT

INDICATOR LED

RIDGES FOR EASY REMOVAL
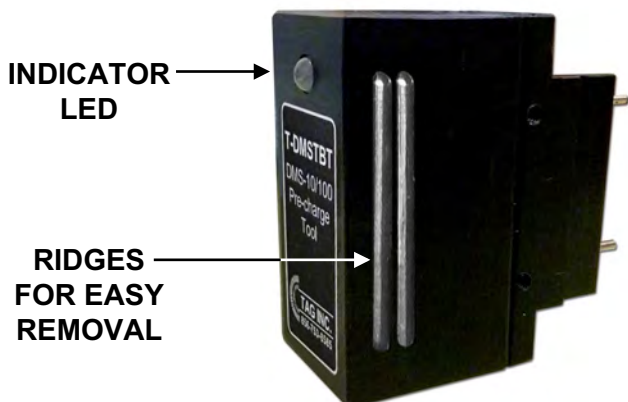
PN # T-DMSTBT
DMS-10/100 Pre-Charge Tool
(replacement for NTA0600512)
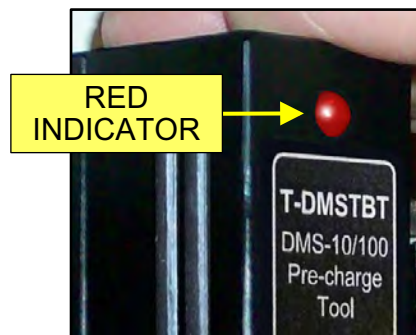
RED INDICATOR

- THE INDICATOR GOES OUT WHEN IT IS SAFE TO INSTALL THE FUSE (APPROX. 10 SEC).

- IF THE INDICATOR STAYS LIT, THERE IS A LOAD OR FAULT ON THE CIRCUIT.

Application:

TAG's # T-DMSTBT is used to pre-charge shelf power capacitors on a DMS-10/100 switch. This allows a new fuse to be installed without seeing full in-rush surge current. The indicator light goes out when it is safe to install the fuse.

Ordering Information:

		MAT #
T-DMSTBT	**DMS-10/100 Pre-Charge Tool**	**1463935**
	(replacement for NTA0600512)	

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5ESS "Pre-Charge" Tool
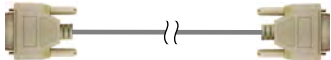
T-5ESSPCT

5ESS Fuse Bay Control Panel, Lucent # ED-83024-30
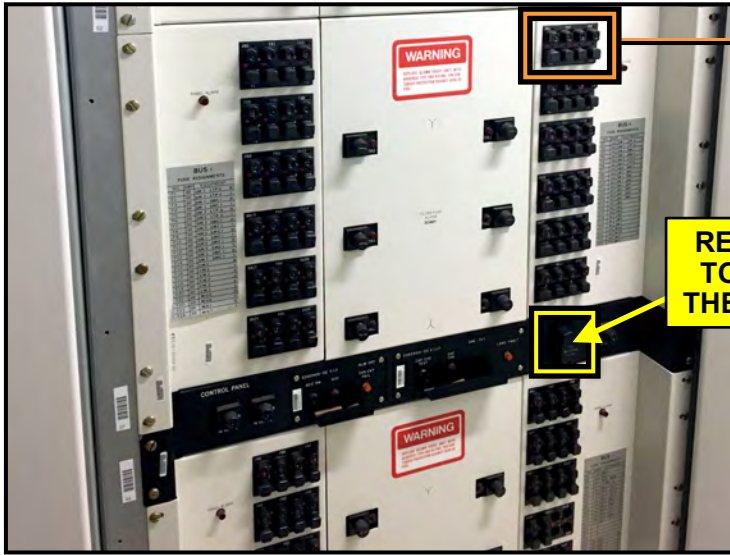
REPLACES BROKEN TOOL LOCATED ON THE CONTROL PANEL
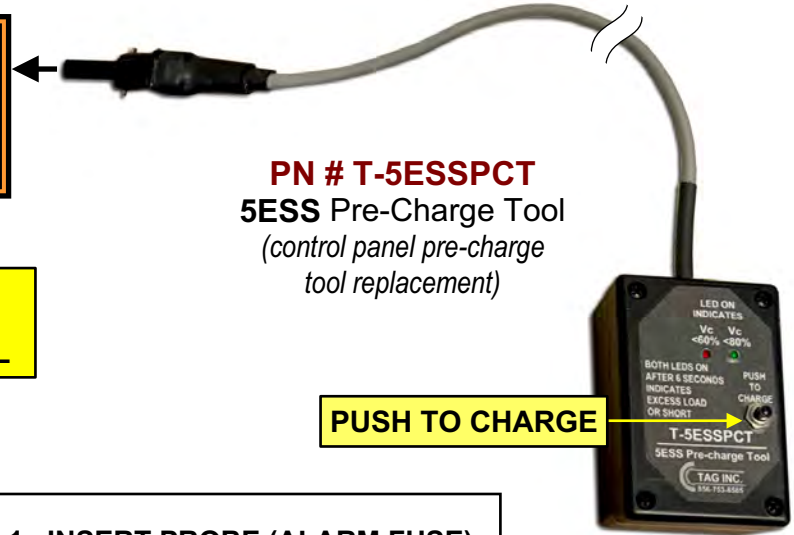
PN # T-5ESSPCT
5ESS Pre-Charge Tool
(control panel pre-charge tool replacement)

PUSH TO CHARGE

1. **INSERT PROBE (ALARM FUSE)**
2. **PRESS TEST BUTTON**
3. **RED & GRN LEDS WILL LIGHT**
4. **4-6 SEC LEDS WILL GO OUT**
5. **INSTALL MAIN FUSE**
6. **IF RED LED STAYS ON EXCESS LOAD OR SHORT IS PRESENT**

Application:

TAG's PN # T-5ESSPCT is used to pre-charge shelf power capacitors of a 5ESS switch. This allows a new fuse to be installed without seeing full in-rush surge current. The indicator light goes out when it is safe to install the fuse.

Ordering Information:

		MAT #
T-5ESSPCT	5ESS "Pre-Charge" Tool for Capacitor Charging at Main Fuse Bay *(control panel pre-charge tool replacement)*	1496454

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2024 Brightspeed MAT\Master\pg41_r01.dsf (10/24/24)

Weatherproof Hardwire Multi-Cords

Brightspeed SAP MAT #
1492673
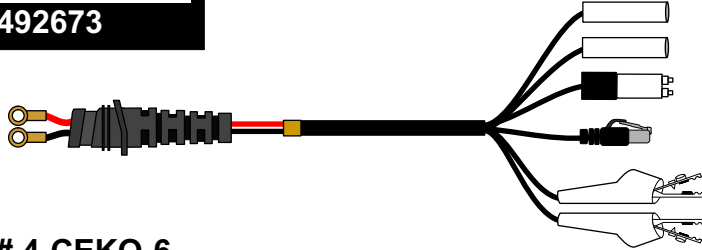
PART # 4-CEKO-6

Weatherproof Hardwire to
Wire Wraps / 453A / Snagless RJ11 / 6P Alligator Clips, (6')

- Use with Deluxe Weatherproof Butt-Sets

Brightspeed SAP MAT #
1492675
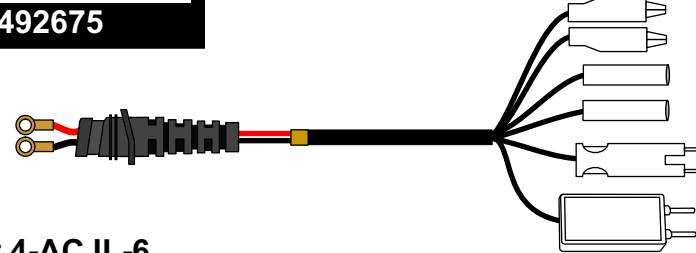
PART # 4-ACJL-6

Weatherproof Hardwire to
Alligator Clips / Wire Wraps / 526P (Porta) / SLC 96, (6')

- Use with Deluxe Weatherproof Butt-Sets

Brightspeed SAP MAT #
1492674
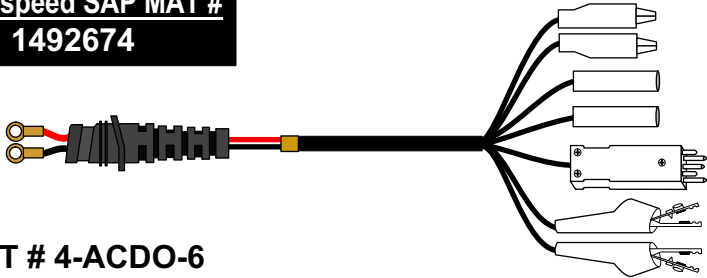
PART # 4-ACDO-6

Weatherproof Hardwire to
Alligator Clips / Wire Wraps / 463A Protector / 6P Alligator Clips, (6')

- Use with Deluxe Weatherproof Butt-Sets

Brightspeed SAP MAT #
1492676
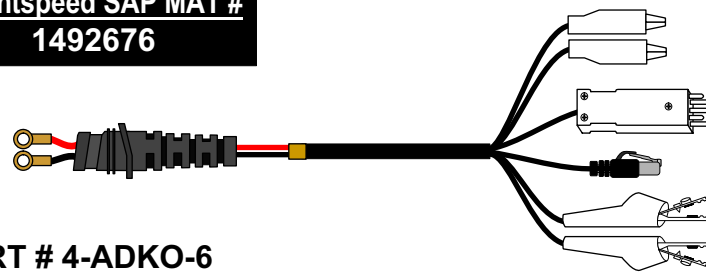
PART # 4-ADKO-6

Weatherproof Hardwire to
Alligator Clips / 463A Protector / Snagless RJ11 / 6P Alligator Clips, (6')

- Use with Deluxe Weatherproof Butt-Sets

*** TAG can make Butt-Set Multi-Cords specifically to your design ***

For more information: Please Call 856-753-8585 or Visit www.tagcords.com

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| Part #	Description		Brightspeed SAP MAT #	MAT #
5ESS FANS				
TF-5ESS-01P	**KS22501L3 Equiv.**	**5ESS** Fan w/ 3 Leads & AMP Connector w/ power prongs		1341583
TF-5ESS-01F	**KS22501L3 Equiv.**	**5ESS** Fan w/ 3 Leads & Faston Connectors w/ power prongs		1341520
TF-5ESS-02P	**KS23912L1A Equiv.**	**5ESS** Fan w/ 5 Leads & AMP Connector *(w/ Internal Thermal Speed Control Sensor)*	1330513	1330513
TF-5ESS-02F	**KS23912L1A Equiv.**	**5ESS** Fan w/ 5 Leads & Faston Connectors *(w/ Internal Thermal Speed Control Sensor)*		1330515
TF-5ESS-03P	**KS23912L2 Equiv.**	**5ESS** Fan w/ 4 Leads & AMP Connector	1338991	1338991
TF-5ESS-04P	**KS22501L3A Equiv.**	**5ESS** Fan w/ 5 Leads & AMP Connector	1341163	1341163
TF-5ESS-04F	**KS22501L3A Equiv.**	**5ESS** Fan w/ 5 Leads & Faston Connectors	1332759	1332759
TF-5ESS-10P	**KS23398L2 Equiv.**	**5ESS** ISLU (Square Fan) w/ 5 Leads & AMP Connector		1341565
ADTRAN FANS				
TF-TA3000-01	**Adtran TA3000,** 48V Fan w/ 3 Wire Plug *(use in HECI: M3PQ0AV, 1181006L1)*			1479267
TF-TA5K-01	**Adtran TA5000,** 48V Fan w/ 4 Wire Plug			1359596
TF-TA5K-02	**Adtran TA5000,** 48V Fan w/ 3 Wire Plug		1359595	1359595
ALCATEL FANS				
TF-ALC-01	**Alcatel 1000/7300,** 48V Fan w/ Tach *(use in 3EC 15478, 3EC 37933 & 3EC 36760 Fan Trays)*		1337633	1337633
TF-AL7300-02	**Alcatel 7300,** 48V Fan w/ Internal Sensor & Tach output *(use in 3EC 16697 (XXXX))*			1341521
TF-DSCECS1-01	**DSC / Alcatel ECS1,** 48V Fan			1341522
TF-ALC1603-01	**Alcatel 1603,** 48V Fan w/ 3 Wire Plug *(use in Low-Volume Fan Tray # 625052-000-0XX)*		1475327	1475327
TF-ALC1631-01	**Alcatel 1631,** 48V Fan (Square) w/ Power Prongs *(use in Assembly # 695-3363-302)*			1359594
TF-ALC1631-02	**Alcatel 1631,** 48V Fan (Round) w/ Power Prongs & Tach Lead *(use in #3AL45446AA)*			1359611
TF-ALC1631-03	**Alcatel 1631 APS,** 48V Fan (Square) w/ Pwr Prongs & Tach Lead *(use in #695-8489-001)*			
TF-ALC1680-01	**Alcatel 1680 OGX,** 48V Fan (Round) w/ Pwr Prongs & Tach Lead *(use in #3EM04820AA)*			
BIGBAND / ADC FANS				
TF-BIGBND-01	**BigBand,** 12V w/ 3 Wire Open End Fan (w/ Speed Control)			1341523
TF-BIGBND-03SR	**BigBand** Shelf / Door Repair			7005999
TF-BIGBPS-01	12V Fan (**40mm**) w/ 3 Wire Plug for **BigBand (FTTP bays)** & ADC RF Worx Power Supplies			
CIENA FANS				
TF-CN3916-K50	**Fan Kit for Ciena 3916 # 170-3916-904,** (Kit includes **(50)** 12V (40x40x10mm) Fans)			1501840
TF-CN1600-01	**Ciena 1600 DWDM,** 48V Fan *(fan only, mounting bracket is not included)*			1341524
TF-DN7100-01	**Ciena DN7100,** 12V Fan w/ 3 Wire Plug			
TF-DN7100-02	**Ciena DN7100,** 12V Fan w/ 3 Wire Plug			
DSC DEX600E FANS				
TF-DEXLAP-01	**DEX600E** MSP Bay Fan *(LAP Fan)*			1341525
TF-DEXDSI-01	**DEX600E** DSI Bay Fan *(DSI (FAIC) type cards)*			1341526
TF-DEXDTI-01	**DEX600E** DTI Bay Fan *(DTI (AMM) type cards)*			1341527
TF-DEXCS3-01	**DEX600E** CS3, 48V Fan			1341528
CISCO 15454 / CALIX E7 / KENTROX FANS				
TF-C15454-01	**Cisco ONS 15454,** 48V Fan w/ 3 Wire Right Angle Connector			1356197
TF-CLXE7-01	**Calix E7-2 FTA2 Fan Unit,** 12V (40mm x 20mm) Fan for w/ 4 Wire Plug		1490737	1490737
TF-AI-180	**Kentrox AISwitch Series 180,** 48V Cooling Fan			1437966
DATAKIT / FUJITSU / GALAXY RECTIFIER FANS				
TF-DATAKIT-01	24V Fan for **Datakit System** w/ 3 Wire, 4 Pin Connector			
TF-FW4500-01	48V Fan for **Flashwave 4500** Fan Unit w/ 4 Wire Plug *(for # FC9580FAN1,SNPQCUG5AB)*			
TF-FLM150-01	48V (80mm) Fan for **Fujitsu FLM 150 Fan Tray** w/ 3 Wire Plug			
TF-GLX595LTB-01	48V Fan for **Galaxy 595LTB Rectifier** w/ 4 Wire Plug			1462387
LORAIN / MARCONI RECTIFIER FANS				
TFT-MRECT	**New Fan Tray Assembly for Vortex Rectifier (Lorain/Marconi 104545)** *(V200D50)*			1341614
TF-MREC-01	**Vortex Rectifier (Lorain / Marconi) (V200D50),** 24V Fan w/ 3 Wire Open End			
TF-MREC-02	**Vortex Rectifier (Lorain/Marconi),** 24V Fan & 3 Wire Plug *(use in V200E50)*			1341615
TF-RHM400-01	**RHM-400/800 Rectifier Unit (Lorain/Marconi),** 220VAC Fan			1341529
TF-LRA50B50-01	**Lorain Rectifier (A50B50),** 48V Fan w/ 2 Wire Plug			1444636
TF-LRV50B50-01	**Lorain Rectifier (V50B50),** 24V Fan w/ 3 Wire Plug			

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Part #	Description	Brightspeed SAP MAT #	MAT #
LUCENT FANS (CBX500, DDM-2000, FT-2000, METROPOLIS, DACS III / IV)			
TF-DDM201	**Lucent DDM-2000,** 24V Fan	1341530	1341530
TF-DDM201-KIT1	**Lucent DDM-2000,** 24V Fan Kit w/ Mounting Plate	1341531	1341531
TF-DDM202	**Lucent DDM-2000,** 48V Fan *(fan only, mounting not included)*		1359610
TF-CBX500-01	**Lucent CBX500 OCD,** 12V Cooling Fan w/ 3 Wire Pins		1336683
TF-FT201	**Lucent FT-2000,** 48V Fan w/ 3 Wire Plug		1341533
TF-DMXMET-01	**Lucent Metropolis DMX,** 48V Fan w/ 4 Wire Plug		1341532
TF-DMXMET-02	**Lucent Metropolis DMX Access Multiplexer,** 48V Fan w/ 4 Wire Black Plug		
TF-DACS3/4-01	**Lucent DACS III / IV,** 48V Fan w/ 4 Wire Plug *(Equiv. to KS23913L1)*		1341534
TF-DACS3/4-02	**Lucent DACS III / IV,** 48V Fan w/ 5 Wire Plug *(Equiv. to KS23913L1)*		1359609
TF-DACSK1-01	**Alcatel-Lucent DACS K01,** 48V Fan w/ 3 Wire Open End (includes (2) butt splices)		
NEC FANS			
TF-NEC-01	**NEC,** 48V Fan (fan only) *(FD-31201A / FD-32401A)*		1341428
TF-NEC01-KIT1	**NEC,** 48V Fan Kit w/ Mounting & Guard Grill *(FD-31201A / FD-32401A)*		1341429
TF-NEC-02	**NEC,** 48V Fan (fan only) *(ITS-2400)*		1341500
TF-NEC02-KIT1	**NEC,** 48V Fan Kit w/ Mounting & Guard Grill *(ITS-2400)*		1341501
TF-NEC-03	**NEC,** 48V Fan (fan only) *(ITS-2400V FL)*		1341502
NORTEL FANS (DMS, Carrier VoIP, DPCC SuperNode "Squirrel Cage" Blowers)			
TFT-3X9013T ** NEW **	**TAG Universal DMS-100 3X9013 Fan Tray** (NEW TRAY is pre-assembled w/ (5) NEW fans, Alarm Board, Wiring Harness w/ Connector & Universal Mounting Holes for NT3X90AA, NT3X90AB, NT3X90AC & NT3X90AF cooling units) - No 24VAC Inverters - No Paddle Sensors	1492217	1492217
TF-DMS01	**DMS-100,** 48V Fan w/ Power Prongs *(use in NT3X90AC / NTBX63AA fan trays)*	1330636	1330636
TF-DMS02	**DMS-1U,** 48V Fan Pwr Prongs w/ 4 clear, unthreaded *(use in NT3X90AC / NTBX63AA trays)*		1341504
TF-DMS03	**DMS-100,** 48V Fan w/ TTL Tach & 3 Wire Plug *(use in NT3X90AF fan trays)*	1330361	1330361
TFC-3X90AF-01	**DMS-100,** Fan Alarm Board for the **NT3X90AF** Cooling Fan Unit		1475822
TF-DMS04AC	**DMS-100,** 24VAC Fan w/ Power Prongs	1341495	1341495
TF-RX50FF-01	**DMS SDM,** 12V Fan w/ 3 Wire Plug & Speed Control *(use in Nortel shelf # NTRX50FF)*		
TF-DMS-NTRX91	**DMS-100,** 48V Fan *(use in NTRX91AA / NT0X91AA, CLEI: ENMYACM)*	1349234	1349234
TF-DMS10-01	**DMS-10,** 48V Fan w/ Power Prongs	1341506	1341506
TF-DMS-FOS	**Nortel IW SPM-IP,** 48V Fan for **NTLX56AA** Fan Assemblies *(fan only)*		1341507
TF-MG9K-01	**Nortel / GENBAND Media Gateway 9000,** 48V Fan w/ 3 Wire Plug *(for NTNY18AA)*		1359401
TLMP-DMFA-10	**DMS Fan Alarm** Repl. **Lamp** ("Fan Fail" / "Frame Fail") *(QTY of 10)*		1474165
TLMP-DMFA-25	**DMS Fan Alarm** Repl. **Lamp** ("Fan Fail" / "Frame Fail") *(QTY of 25)*		1474166
TLMP-DMSA-10	**DMS Aisle Alarm** Repl. **Lamp** *(QTY of 10)*		1474167
TF-DMSLGN6-01	**DMS-500/250 DPCC (225mm) Impeller Fan for XA-Core Blower Drawer** w/ 4 Wire Plug *(fan only, use in existing tray # NTLX10AA, drawer # NTLX11AA)*		
TF-DMSMCL-02	**DMS-100 Dual-Scroll Blower Replacement Unit** w/ (1) 4 pin plug & (1) 3 pin plug (includes (1) 3 pin adapter cable (used in NT9X950 "w/ hanging blowers" (replaces # A0383325 & A0381714))(commonly found in DPCC / LIM / ENET bays)	1490298	
TFC-DMSAPW-3	**Alarm Board** Replacement for **DMS LIM / ENET Blower**		
TF-DMSLGN5	**DMS-100 DPCC SuperNode Blower "Squirrel Cage" Replacement** w/ Internal Sensor *(use in NT9X01XX DPCC, (replaces A0345301))*	1355241	1355241
SIEMENS EWSD FANS			
TF-EWSD-01	**Siemens EWSD,** Square 48V Fan w/ Power Prongs *(fan only, use with existing guard grill)*		1341508
TF-EWSD-02	**Siemens EWSD,** Round 48V Fan w/ Power Prongs *(fan only, use with existing guard grill)*		
STP RING NODE / PATHTRACK (JDSU) / TELLABS FANS			
TF-STPRN-01	**STP Ring Node Frame/Cabinet,** 48V Fan w/ 5 Wire Plug		
TF-HCU1500-01	**JDSU PathTrak HCU 1500,** 24V Fan w/ 2 Wire Plug		
TF-TL6500-01	**Tellabs 6500,** 12V Fan w/ 4 Wire Plug		

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Part #	Description	Brightspeed SAP MAT #	MAT #
STROMBERG CARLSON DCO FANS			
TF-DCOCMF-01	48V Fan for **Stromberg Carlson DCO CMF Bay** w/ 3 Leads & Fastons		
TF-DCODCF-01	48V Fan for **Stromberg Carlson DCO DCF Bay** w/ 3 Leads & Spade Lugs		
TF-DCONHD-01	48V Fan for **Stromberg Carlson DCO Non-HD CMF Bay** w/ 2 Wire Open End		1441092
TF-DCOMEF-01	48V Fan for **Stromberg Carlson DCO MEF Bay** (80mm x 45mm) w/ 3 Wire Plug		1441093
TF-DCO-02	48V Fan for **Stromberg Carlson DCO CMF / DTF Bay** w/ 3 Leads & Fastons	1439624	1439624
TELCO SYSTEMS FANS (EDGELINK 100 / AXX330G1, M560)			
TF-EL100	**Edgelink 100,** Fan (**40mm**)	1341510	1341510
TF-EL100DET	**Edgelink 100,** Detector PC Board *(Equiv. to CCA591G1)*		1341511
TF-EL100-KIT2	**Edgelink 100,** Fan Kit (**40mm**)		1341512
TF-EL100-02	**Edgelink 100,** Fan (**35mm**)	1341513	1341513
TF-EL330-01	**Edgelink AXX330G1,** Fan (**80mm**) w/ 3 Wire Plug		
TF-TEL560-01	**Telco Systems M560 Fiber Optic Terminal,** 48V Fan		1341509
WAVESTAR / WIDEBAND 3190 FANS			
TF-WSTR-01	**WaveStar TDM 10G,** 48V Fan w/ 3 Wire Plug		1341514
TF-WB3190	**Wideband 3190,** 48V Fan w/ 3 Wire Plug		1341515
OSP CABINET / TRAY FANS & ALARM CONTROL BOARDS			
TF-NTOPAC	48V Fan for **Nortel Opac / OPM Cabinet** w/ Round Weatherproof Connector	1337634	1337634
TF-NTOPAC-02	48V Fan for **Nortel Opac / OPM Cabinet** w/ Sealed 3 Pin Plug	1337635	1337635
TF-NTOPAC-3	48V Fan for **Nortel Opac / OPM Cabinet** w/ 3 Wire Open End (no connector)	1341516	1341516
TF-NTOPAC-04	48V Fan for **Nortel Opac / OPM Cabinet** w/ Sealed 3 Pin Plug		1341517
TFG-162KIT-01	**Guard Grill** Repl. Kit for Round **162mm** Fans *(includes hardware)*		
TF-NTOPAC-05	48V Fan for **Nortel Opac Access Node Tray / 800A** w/ 3 Wire (FPS Lead) & 3 Pin		7017863
TF-NTOPAC-05F	48V Fan for **Nortel Opac Access Node Tray** w/ Power Prongs, Untermin. FPS Lead		
TF-NTANCFT-01	48V Fan for **Nortel Access Node/Charles Fan Tray** (92-FAN840-X) w/ 3 Wire Plug		
TF-DMS06	48V Fan for **BFU in DMS-100 OPM Cbnt** w/ Pwr Prongs & Unterminated Tach Lead		1359400
TFR-8X06ABT	**Tray Refurbish-Paddleless Alarm Conversion Upgrade** for **DMS OPM NT8X06AB**		
TF-SLCAPW-01	(1) 48V Fan for **SLC 2000 Cabinet - Reltec/Mclean APW Tray** w/ 3 Wire Open End		1358927
TF-SLCAPW-04	(4) 48V Fans for **SLC 2000 Cabinet - Reltec/Mclean APW Tray** w/ 3 Wire Open End	1358928	1358928
TFC-SLCAPW-4	**Alarm Control Board** for **Reltec/Mclean APW Fan Tray**		1459111
TF-SLC201-02	48V Heat Exchanger for **80 Type Cabinet** w/ Round Screw on Connector *(KS23912L4)*	1337731	1337731
TFC-114A-01	**114A Fan Control Unit** for **80 Type Cabinet** Heat Exchangers *(equiv. to 106894934)*		1355243
TFC-LU4-01	**Alarm Control Board** for **Lucent 4A/4B, 4G/SLC2000** Trays & **114A** Control Units		1355244
TF-SLCBC-01	48V Battery Cooling fan for **80 Type Cabinet** w/ 3 Wire Plug		1461343
TFC-116A-01	**Alarm Control Board** for **Lucent 116A Battery** Fan Unit *(customer supplied bracket)*		1459078
TF-SLC201	48V Fan for **SLC 2000 - Lucent 4A/4B** Tray w/ 5 Wire Plug *(KS23912L6 equiv.)*	1336047	1336047
TF-LU2A	48V Fan for **Lucent 2A** Fan Tray w/ 3 Leads & Fastons *(KS22501L5 equiv.)*		1336048
TF-LU2B	48V Fan for **Lucent 2B** Fan Tray w/ 3 Wire Plug *(KS22501L5A equiv.)*		1336049
TF-LU2C	48V Fan for **Lucent 2C** Fan Tray w/ 3 Wire Plug *(KS22501L5A equiv.)*		1336060
TFC-LU2BC-01	**Alarm Control Board** for **Lucent 2B & 2C** Fan Trays		1458909
TF-LU2C-02F	48V Fan for **Lucent 2C** Fan Tray w/ 3 Wires & Faston Connectors		
TF-ES660-01	24V (**60x25mm**) Fan for **Lucent ES660 Rectifier Unit** w/ 2 Wire Plug		
TF-RECARGUS-01	12V (**80mm**) Fan for **Argus Rectifier** w/ 2 Wire Plug		
TF-RECARGUS-02	24V (**80mm**) Fan for **Argus Rectifier** w/ 2 Wire Right Angle Plug		1474133
TF-RECARGUS-03	24V (**80mm**) Fan for **Argus Rectifier** w/ 2 Wire Right Angle Plug & Threaded Inserts		
TF-RECARGUS-04	12V (**120mm**) Fan for **Argus Rectifier** w/ 2 Wire Open End		
TF-ALC7330-4	**Alcatel 7330 VRAD Fan Kit** w/ **Quick Install Template Plate**		1341518
TF-ALC7330-C	(1) 48V Fan for **Alcatel 7330 VRAD** Tray w/ 3 Wire Open End (for splicing)		1341616
TF-ALC1218-01	24V Fan for **Alcatel 1218** Cabinet Fan Trays w/ 2 Wire, 3 Pin Connector		
TF-ALC1218-02	48V Fan for **Alcatel 1218** Cabinet **Roof** w/ 2 Unterminated Leads		
TF-ALC7342-01	48V Fan for **Nokia 7342 Rolt Fan Tray** w/ 4 Wire Plug		

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Part #	Description	Brightspeed SAP MAT #	MAT #
	OSP CABINET / TRAY FANS & ALARM CONTROL BOARDS *- continued from previous page*		
TF-COM6DF-01	**48V Fan for CommScope Cbnt, 6D/F Bay** w/ Internal Thermal Sensor & 3W, 6 Pin		1355242
TF-COM6DF-02	48V Fan for **CommScope Cabinet, ALP HX Door** w/ 5 Wire, 6 Pin Connector		
TF-COM6DF-02R	48V Fan for **CommScope 52/82 Cbnt, HX Door** w/ 5W, 6 Pin (w/10k thermistor cbl)		1465437
TF-COM6DF-04	**48V Fan for CommScope Cabinet, 6D/F Bay** w/ Internal Therm Sensor & 3W, 4 Pin		1466315
TF-COM6BC-01	48V Fan for **CommScope Cabinet, 6B/C Battery/ALP HX Door** w/ 3 Wire, 4 Pin		1439621
TF-COM52E-01	48V Fan for **CommScope 52E Cabinet, Battery** w/ (1) 2W, 4 Pin & (1) 2W, 2 Pin		1466728
TFT-COM48B-01	**"Salt Air Door Fan Tray" 3-Fan Stainless Steel Assembly** for **CommScope ALP 448/248 HX Door Fans** *(includes: (3) NEW 48V FANS (# TF-COM6DF-02B) & Grommet)*		
TF-FUJ6200-01	48V Heat Exchanger for **Fujitsu 6200 Cabinet** w/ 5 Wire Plug		1359018
TF-FUJ6200-02	48V Fan for **Fujitsu 6200 Cabinet Tray** w/ Power Prongs		
TF-FUJ6200-03	48V Fan for **Fujitsu 6200 Cabinet Tray** w/ 3 Wire Open End & Power Prongs		
TF-CREX-01	48V Fan for **NEC C-REX Cabinet** w/ 4 Wire Plug *(use in Zhone ISC-303 trays)*		1355199
TF-CREX-02	48V Fan for **NEC C-REX Cabinet** w/ 2 Wire Open End *(use in # F2876A)*		1355240
TFC-F2876A	**Alarm Control Board** Replacement for **NEC Fan Shelf # F2876A**		1479394
TF-CREX-03	48V Fan for **NEC C-REX Cabinet ECU** w/ 3 Wire Open End *(use in NEC Y4899A/74884A)*		1461017
TF-DISCSCPU-01	48V Cooling Fan for **DISC*S CPU** w/ 2 Wire Open End *(fan only, use with existing bracket)*		1479944
TF-CN5150HX-01	48V HX for **Telamon / Ciena 5150 EMUX** Cbnt Door w/ 4 Wires & Sealed Connector		
TF-AI-SCT-01	**48V (80mm) Fan for AISCOUT** w/ 3 Wire Right Angle Plug		
TFT-SLC96-AC01	110VAC Fan w/ Bracket Assembly for **SLC96 (36 Type) Cabinet** *(KS22099L5 Equiv.)*	1356198	1356198
TFT-SLC96-AC01L	110VAC (Low Temp) Fan w/ Bkt Assembly for **SLC96 (36 Type) Cbnt** *(KS22099L5)*		
TF-SLC96-AC02	110VAC Fan (fan only) for **SLC96 (36 Type) Cabinet** *(use in KS22099L5)*		1356199
TF-LS2000-01	48V Fan for **Litespan 2000 PDFA** w/ 3 Wire Plug & Guard Grill *(use in # 500-1126-723)*		1341519
TFC-PDFA-X2	**Alarm Control Board** for **Litespan 2000 PDFA Trays** *(use in Fan Tray # 500-1126-723)*		
TF-LS2000-02	48V Fan for **Litespan 2000 High Velocity PDFA** w/ 3 Wire Connector		1356400
TFC-PDFA-01	**Alarm Control Board** for **Litespan 2000 HV PDFA** Fan Trays *(use in # 509-0000-086/163)*		
TF-LS2000-03	48V Heat Exchanger for **Litespan 2000 Cabinet** w/ Unterminated Leads		1359389
TF-LS2KSB-01	48V Heat Exchanger for **Litespan 2000 Cabinet Heat Stack** w/ Power Prongs		1496549
TF-LS2000-44	**Litespan 2000 DFA Fan Kit** *(w/ (4) 48V Fans & Wiring Harness w/ 12 Wire Plug)*		1445489
TF-LS2000-04	(1) Individual 48V Fan for **Litespan 2000 DFA** Tray w/ 3 Wire Open End *(for splicing)*		1445620
TFC-DFA-01	**Alarm Control Board** for **Litespan 2000 DFA** Fan Trays *(use in tray # 500-1100-XXX)*		1458948
TF-ACABTZ-01A	48V HX (**Tarzan**) for **Litespan 2000 (LSC-2030) Cabinet** *(includes Adapter Cable)*		1359388
TF-ACABLHX-01	48V Heat Exchanger (**Lower**) for **Litespan 2000 (LSC-2030) Cabinet**		1460436
TF-LRA25B50-01	24V Fan for **A25B50 Rectifier Unit (Lorain / Marconi)** w/ 3 Wire Plug		
TF-LPCM-01	24V Fan (**80mm**) for **V15F50/P Lorain Power Conversion Module** w/ 3W Male Plug		
TF-LPM-01	48V Fan for **Lorain Power Module** w/ Power Prongs *(fan only - use in # 427215900)*		
TF-MESACL-01	48V Fan for **Marconi Current Limiter** w/ 3 Wire Plug		
TF-MCABTZ-01	48V Heat Exchanger (**Tarzan**) for **Marconi Mesa "Top" HX Cabinet** w/ 3 Wire Plug	1359387	1359387
TF-MESA6-01	48V Heat Exchanger for **Marconi Mesa "Bottom" HX Cabinet** w/ 3 Wire Plug	1359091	1359091
TF-MARCTOP-01	48V Fan for **Marconi Cabinet (Top/Inside)** w/ Power Prongs		
TFC-FA400-01	**Alarm Control Board Replacement** for **Marconi Mesa Master Tray**		1479565
TF-FA400-01	48V Fan for **Marconi Mesa Cabinet Master Fan Tray** w/ 3 Wire Plug	1439622	1439622
TF-FA400-02	48V Fan for **Marconi Mesa Cabinet Slave Fan Tray** w/ 3 Wire Plug	1439623	1439623
TFC-MARC6-01	**6 Position** Environmental Control Unit **(ECU)** for **Marconi** Cabinet *(supports 6 HX fans)*		1461075
TF-MESA384-01	48V (External) HX for **Mesa DSLAM 384 Cbnt** w/ 4 Wire (Round)(F) Wthrproof Plug		
TF-MESA384-02	48V (Internal) HX for **Mesa DSLAM 384 Cbnt** w/ 4 Wire (Square) Female Plug		
TFC-MESA-04	**4 Port Environmental Control Unit (ECU)** *(used in Mesa 2 - DSLAM 192 & 384)*		
TFC-MESA-02	**2 Port Environmental Control Unit (ECU)** *(used in Mesa 2 - DSLAM 192 Type Cabinets)*		
TFC-MESA246-01	**6 Fan Environmental Control Unit (ECU)** for **Remote Cabinet Sites**		1461124
TFCS-MESA246-08	**Extension Cable** for Mesa Fan Controllers, (8')		1475550
TFC-WORX-FAM1	**PowerWorx Front Access Fuse Panel** *(Equiv. to ADC # TFA-FAM)*		

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Part #	Description	Brightspeed SAP MAT #	MAT #
OSP CABINET / TRAY FANS & ALARM CONTROL BOARDS - continued from previous page			
TFT-NXWDL-02	**TAG Universal 19/23 "Harsh Environment" Cabinet Fan Tray** *(fits 19" & 23" bays)*		1472248
TFT-NXTLEV-03MC	**TAG Fan Tray for Next Level Cabinet** *(includes NEW Fan Tray & (3) NEW 48V Fans)*		1444040
TF-NXTLEV-03	48V Fan Assembly for **Next Level** Cabinet Fan Trays *(includes (3) 3 Wire Fans)*		1358901
TFT-NXWDL-01	**TAG Universal 19/23 Cabinet Fan Tray** *(fits 19" & 23" bays)*		1451023
TF-DCORLS-01	48V Fan for Stromberg Carlson **DCO RLS** Cabinet Tray w/ 3 Fastons & Power Prongs		1481914
TF-SPB-AC01	120VAC Fan for **Seiscor / Pulsecom "B" Cabinet** w/ Power Prongs		
TF-SPD-AC01	110VAC Fan for **Seiscor / Pulsecom "D" Cabinet** w/ Power Prongs & Guard Grill		1501798
TF-UMC1000-01	48V Fan (**120mm**) for **Tellabs UMC1000 Tray** w/ 3 Wire Plug *(use in AFC Tray w/ 6 fans)*		1466657
TFC-UMC1000-06	**Alarm Control Board** for **Tellabs UMC1000 Tray** *(use in AFC tray w/ 6 fans)*		
TF-UMC1000-02	48V Fan (**80mm**) for **Tellabs UMC1000 Tray** w/ 3 Wire Plug *(use in AFC Tray w/ 10 fans)*		1466656
TF-UMC1000-03	48V Fan (**120mm**) for **Tellabs UMC1000 Tray** w/ 4 Wire Plug *(use in AFC Tray w/ 8 fans)*		1466761
TF-UMC672-01	48V Fan for **UMC672 Cabinet** w/ 2 Wire Plug *(fan only, use with existing metal housing)*		
TF-MC133-02	(**133mm**) Heat Exchanger for **Mesa 768 Cabinet** w/ 3 Pin Plug	1355448	1355448
TF-MC133-05	(**133mm**) Heat Exchanger for **Mesa Sport Cabinet** w/ 3 Pin Bulkhead Plug	1482855	1482855
TF-CSHX133-01	(**133mm**) Heat Exchanger for **Cell Site Mesa Sport** w/ 4 Pin Male Weatherproof Plug		
TF-MC133-01	(**133mm**) Heat Exchanger for **Purcell FlexAir 741 (Door)** w/ 4 Leads & Fastons	1358926	1358926
TF-MC175-04	(**175mm**) Heat Exchanger for **Purcell A009 Cabinet** w/ Weatherproof Connector		
TF-MC175-04-KIT	(**175mm**) Heat Exch. **KIT** for **Purcell A009 Cabinet** w/ Weatherproof Conn. & Bracket		
TF-SRA200-01	(**175mm**) Heat Exchanger for **SRA-200 Cabinet** w/ 3 Wire Plug *(fan only)*		1492655
TF-MC175-02	(**175mm**) Heat Exchanger for **Mesa 4 NXT Cabinet** *(for Siemens ICN 087-23500-10)*		1358925
TF-MC175-03	(**175mm**) Heat Exchanger for **OSP Cabinet** w/ 3 Pin Plug		1358924
TF-MC175-03W	(**175mm**) HX for **Tellabs 1000** w/ 3 Leads		1458675
TF-MC175-01	(**175mm**) Heat Exchanger for **Siemens 914EX Metro MXU Cabinet**	1467133	1467133
TF-914EHX-01	48V HX for **Siemens 914E RT Cbnt** w/ Pwr Prongs	1490825	
TF-914EXMET-01	48V Fan for **Siemens 914EX Metro MXU** Fan Tray w/ Power Prongs		1359017
TF-OPTI-01	12V Fan for **Opti 6100 Fan Trays** w/ 3 Wire Plug *(use in EFANM Fan Tray # 1184508L2)*	1444322	1444322
TF-TA5KHX-02	48V "**Low Profile**" Heat Exchanger for **Adtran TA5000 Cabinet Door** w/ 4 Wire Plug		1501884
TF-HX175LP-01	(**175mm**) "**Low Profile**" HX for **Calix ODC Cabinet Door**	1452035	1452035
TF-HX220LP-01	(**220mm**) "**Low Profile**" HX for **Calix ODC-1000** w/ 4 Leads & Fastons		1477798
TF-OPM640HX	(**175mm**) "**Low Profile**" Impeller for **OPM 640 Cbnt** *(Retro Fit Roof)* w/ 3 Wire, 4 Pin Plug		
TF-AFCHX-01	(**175mm**) "**Low Profile**" Heat Exchanger for **AFC Fan Unit** found in **OPM Cabinets**		1475725
TF-CATNHX-01	(**175mm**) "**Low Profile**" Heat Exchanger for **Catena Cabinet**		
TF-MC179-01A	HX for **Mesa Bridge Cabinet (Upper - Internal)** w/ 4 Wire Female Weatherproof Plug		1490468
TF-MC179-01	HX for **Mesa Bridge Cabinet (Lower - Door)** w/ 4 Wire Female Weatherproof Plug		
TF-CQ250-01	(**250mm**) HX for **Ice Qube Cabinet** w/ 4 Wire Open End		
TF-AFC672-01	48V Fan for **AFC Cabinet Heat Stack** w/ Power Prongs		1456851
TF-CLXODC-01F	48V Heat Exchanger for **Calix ODC Stack** w/ 2 Wires & Fastons		1456478
TFC-CALIX2KHX	**Alarm Control Board** for **Calix ODC-2000 Cabinet HX Controller** *(alarm board only)*		1481590
TF-CLX225-01	(**225mm**) HX Impeller Fan (**Upper**) for **Calix ODC Cbnt** w/ 4W (F) Snap on Plug, (14")	1490321	
TF-CLX225-02	(**225mm**) HX Impeller Fan (**Upper**) for **Calix ODC Cbnt** w/ 4 Wire Female Plug (30")		1492772
TF-CLX225-03	(**225mm**) HX Impeller Fan (**Lower**) for **Calix ODC Cabinet** w/ 4 Wire Male Plug (30")		1492619
TF-CLX133-01	(**133mm**) HX Impeller Fan (**Upper/Lower**) for **Calix Cabinet** w/ 4 Wire Plug	1490163	1490163
TF-MCCHX-AC01	110VAC HX Blower for **Reltec / McLean Cbnt** w/ Pwr Plug & Adapter Plate *(fan only)*		1481410
TF-MCCHX-AC0R	110VAC (**Right**)HX Blower for **Reltec/McLean Cbnt** w/ Pwr Plug & Plate *(fan only)*		1493505
TF-TX33HX-01	(**175mm**) HX for **Mclean ClimaGuard Cabinet Cooler** w/ 4 Wire Weatherproof Conn.		1473428
TF-TX38HX-01	(**225mm**) HX for **Mclean ClimaGuard Cabinet Cooler** w/ 4 Wire Weatherproof Conn.		1473110
TF-NP0402-01	48V Heat Exch. for **Noren Cooling Unit - Internal (6.71K)** w/ 3 Wire Open End	1359090	1359090
TF-NP0414-02	48V Heat Exch. for **Noren Cooling Unit - External (8.45K)** w/ 3 Wire Open End		1359019
TF-MC225-01	(**225mm**) Heat Exchanger for **Mesa Cabinet (Top)** w/ Round Weatherproof Connector	1345222	1345222
TF-MC225-02	(**225mm**) Heat Exchanger for **Mesa Cabinet (Bottom)** w/ 4 Wire Plug *(fan only)*	1345223	1345223
TF-MC225-02-KIT	(**225mm**) Heat Exchanger **KIT** for **Mesa Cabinet (Bottom)** w/ 4 Wire Plug & Bracket		1451725
TFB-MC225-02	**Mounting Bracket** & Hardware for Mesa Cabinet 225mm Bottom Heat Exchanger		1451078
TFC-MESA-01	**2 Port Mesa Cabinet ECU** *(Cell Site: XL, SOLE, Span XL, Bridge, Edge & Sport)*	1492180	

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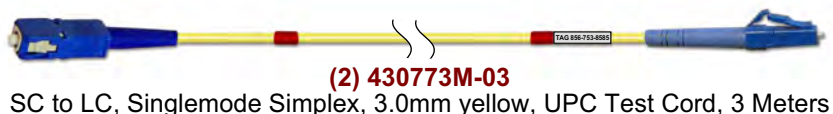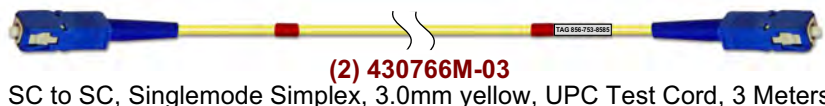**PLEASE CALL: 856-753-8585 or EMAIL: custsvcs@tagcords.com**

Fiber Optic Test Cord Kit

FOTC-KIT

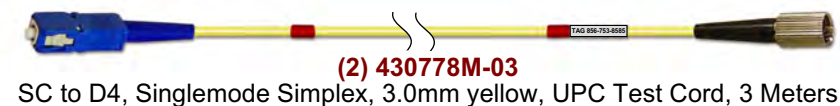## Fiber Optic Test Cords Included in Kit:

Carrying Case included with Kit

(2) 430766M-03
SC to SC, Singlemode Simplex, 3.0mm yellow, UPC Test Cord, 3 Meters

(2) 430766AAM-03
SC to SC, Singlemode Simplex, 3.0mm yellow, APC Test Cord, 3 Meters

(2) 430766AM-03
SC/UPC to SC/APC, Singlemode Simplex, 3.0mm yellow, Test Cord, 3 Meters

(2) 430779AM-03
SC/APC to ST/UPC, Singlemode Simplex, 3.0mm yellow, Test Cord, 3 Meters

(2) 430779M-03
SC to ST, Singlemode Simplex, 3.0mm yellow, UPC Test Cord, 3 Meters

(2) 430766MM-03
SC to SC, Multimode Simplex, 3.0 mm 62.5 μm orange, UPC Test Cord, 3 Mtrs

(2) 430773M-03
SC to LC, Singlemode Simplex, 3.0mm yellow, UPC Test Cord, 3 Meters

Fiber Optic Adapters Included in Kit:

(1) 400766C
SC to SC
Simplex
UPC Coupler

(1) 400766AC
SC to SC
Simplex
APC Coupler

(1) 400781C
LC to LC
Simplex
UPC Coupler

(1) 400781AC
LC to LC
Simplex
APC Coupler

(2) 430773AM-03
SC/UPC to LC/APC, Singlemode Simplex, 3.0mm yellow, Test Cord, 3 Meters

(1) 400758C
ST to ST
Simplex
UPC Coupler

(1) 400752C
FC to FC
Simplex
UPC Coupler

(1) 400756C
D4 to D4
Simplex
UPC Coupler

(2) 430770M-03
SC to FC, Singlemode Simplex, 3.0mm yellow, UPC Test Cord, 3 Meters

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includes: (20) Cords & (7) Adapters *(shown above)*
           (1) Carrying Case *(not shown)*

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TAG DMS-100 3X9013 Universal Fan Tray — TFT-3X9013T

Universal 48VDC Fan Tray

- **No 24VAC Inverters**
  (24VAC inverters cause heat concerns & major equipment failures)

- **No Mechanical Sensors**
  (sensor paddles are known to bend & break)
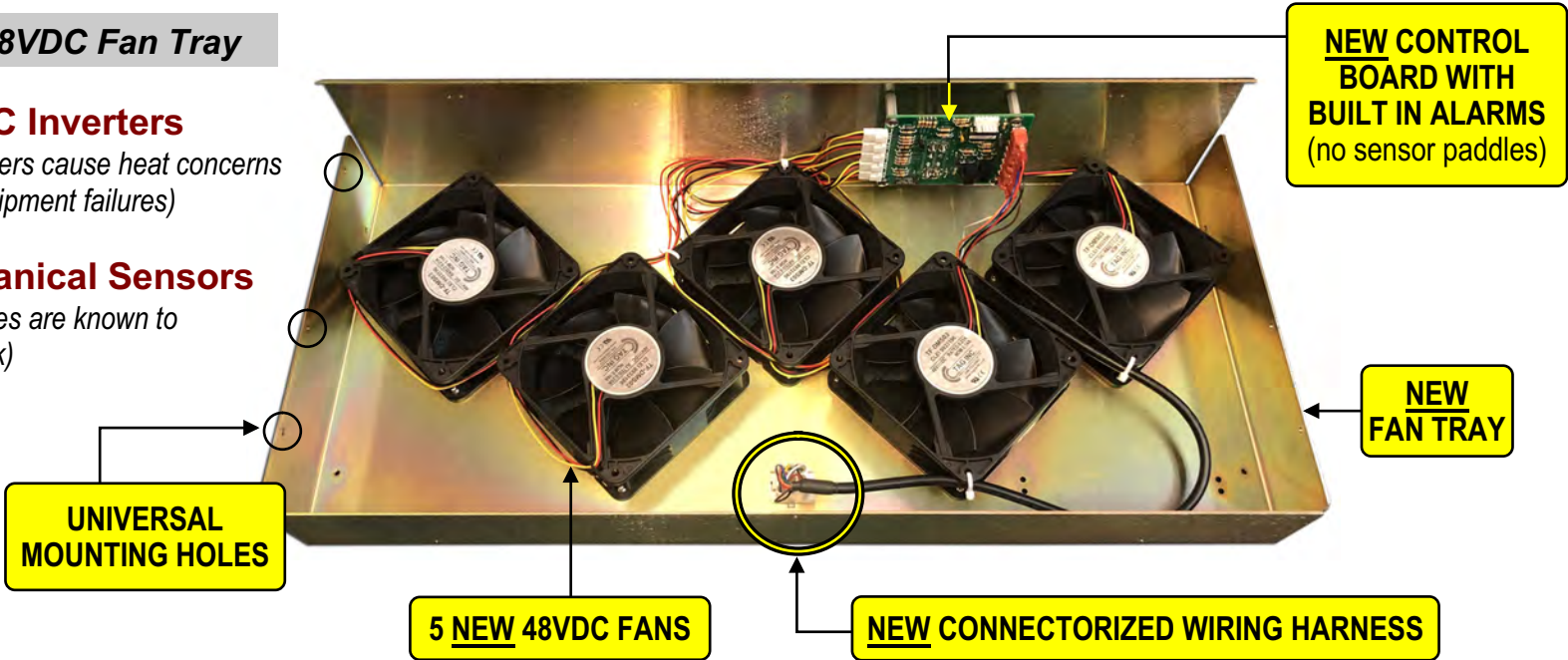
INSTALLATION VIDEOS:

NT3X90AA/AB

NT3X90AC

NT3X90AF

NEW CONTROL BOARD WITH BUILT IN ALARMS (no sensor paddles)

NEW FAN TRAY

UNIVERSAL MOUNTING HOLES

5 NEW 48VDC FANS

NEW CONNECTORIZED WIRING HARNESS

- **Connectorized** Universal metal tray with Fan Alarm Board *(no sensor paddles)*

- **Pre-assembled & works with NT3X90AA, NT3X90AB, NT3X90AC & NT3X90AF Cooling Units**

- **Adapter cables* are supplied for NT3X90AA/AB & NT3X90AF Cooling Units**
  *(adapter cables are not used with NT3X90AC)
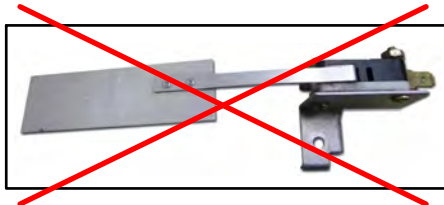
Ordering Information:

TFT-3X9013T — TAG Universal DMS-100 3X9013 Fan Tray
Includes: (1) Brand New Fan Tray w/ Universal Mounting Holes,
(5) TF-DMS03, 48VDC Fans w/ TTL Tach & 3 Wire Plug,
(1) Fan Control Board w/ Built in Sensors (no paddles needed), Wiring Labels, Mounting Hardware,
(1) Wiring Harness w/ Connector, NT3X90AA/AB & NT3X90AF Adapter Cables & Installation Guide

Brightspeed SAP MAT #
1492217

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