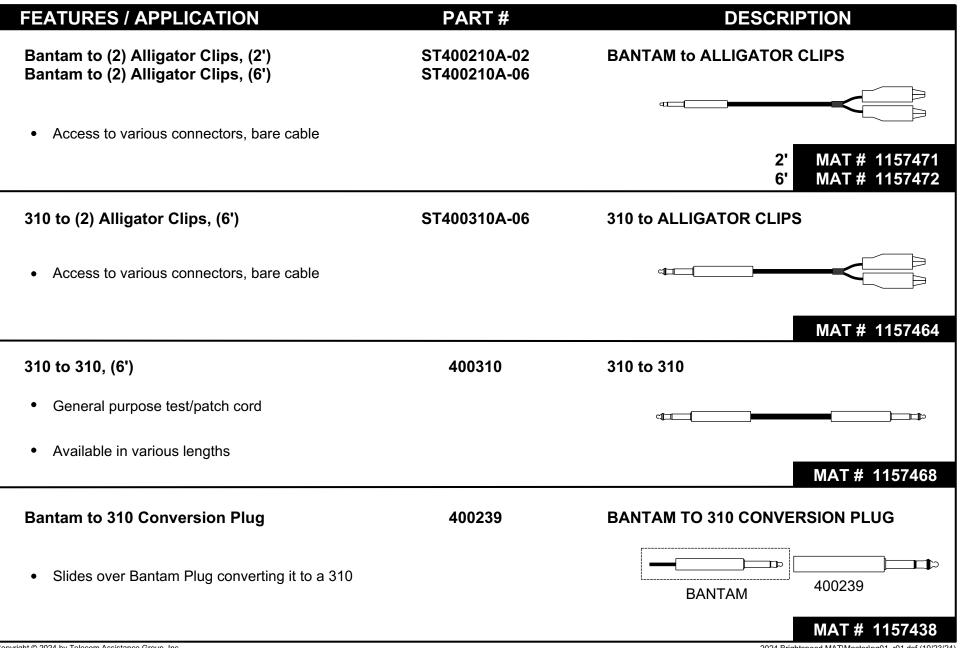
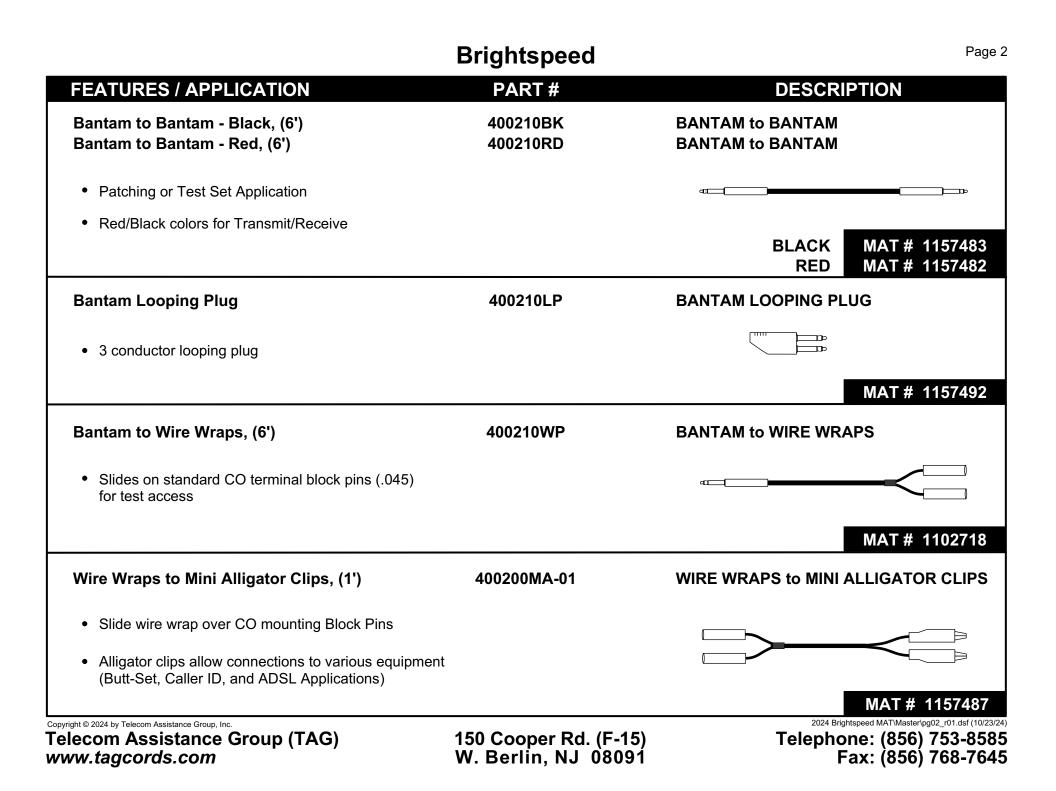


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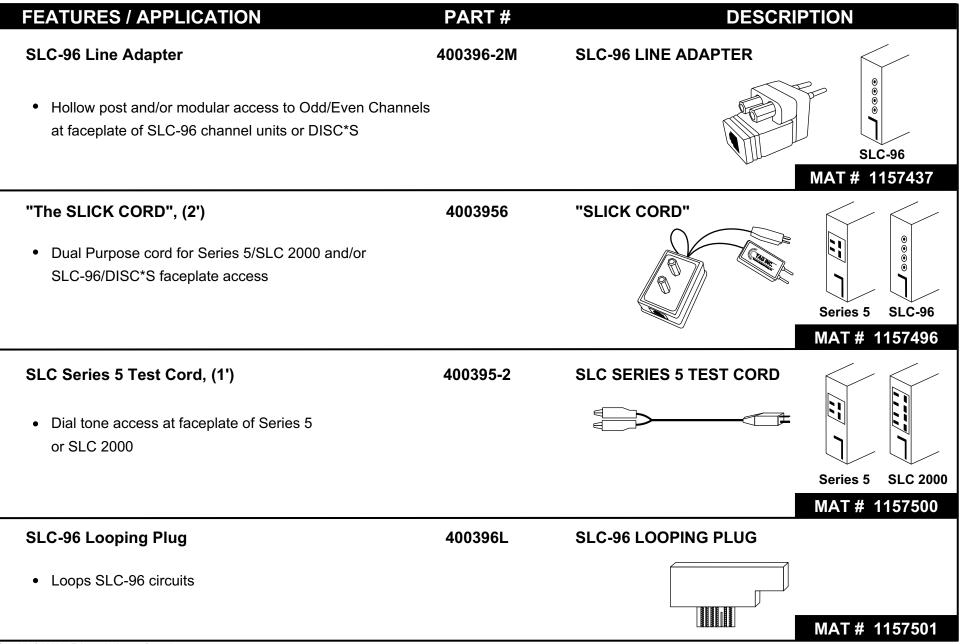


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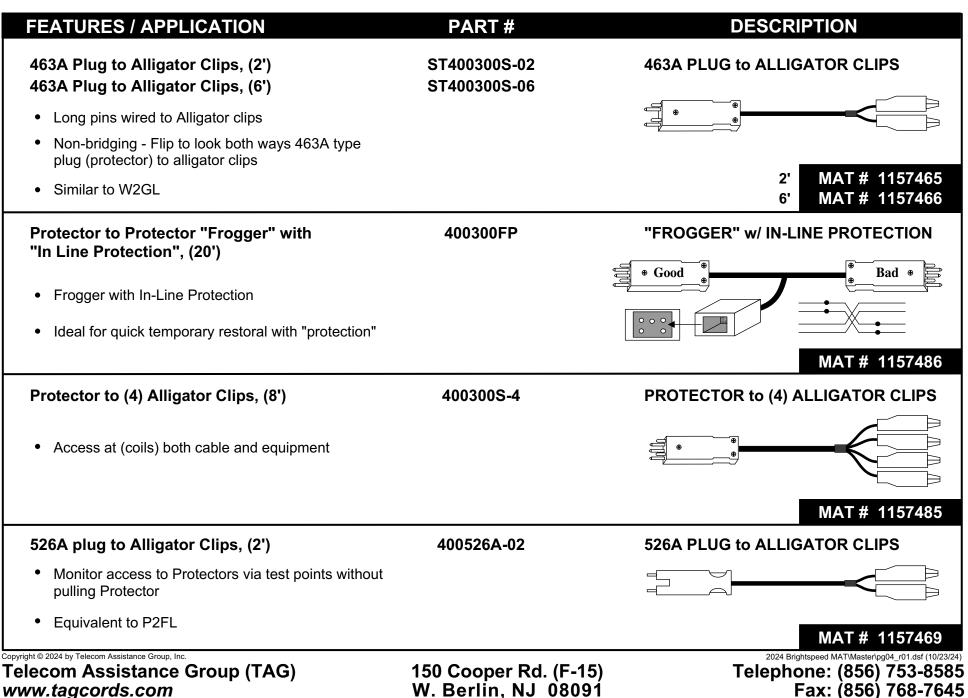


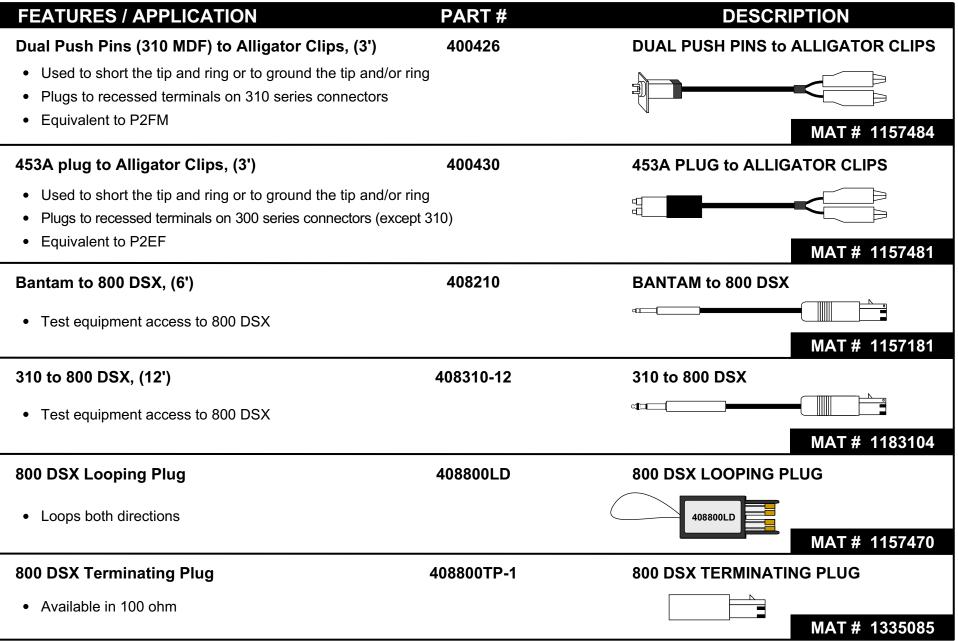
#### Page 3



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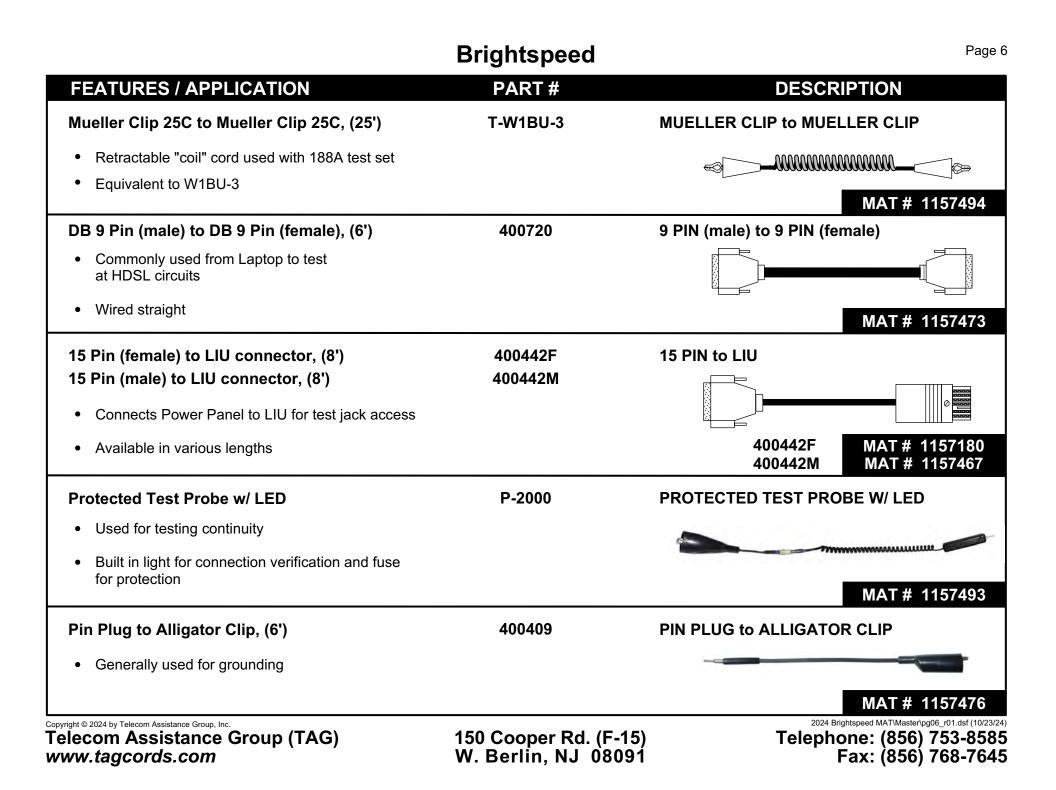
2024 Brightspeed MAT\Master\pg03\_r01.dsf (10/23/24)

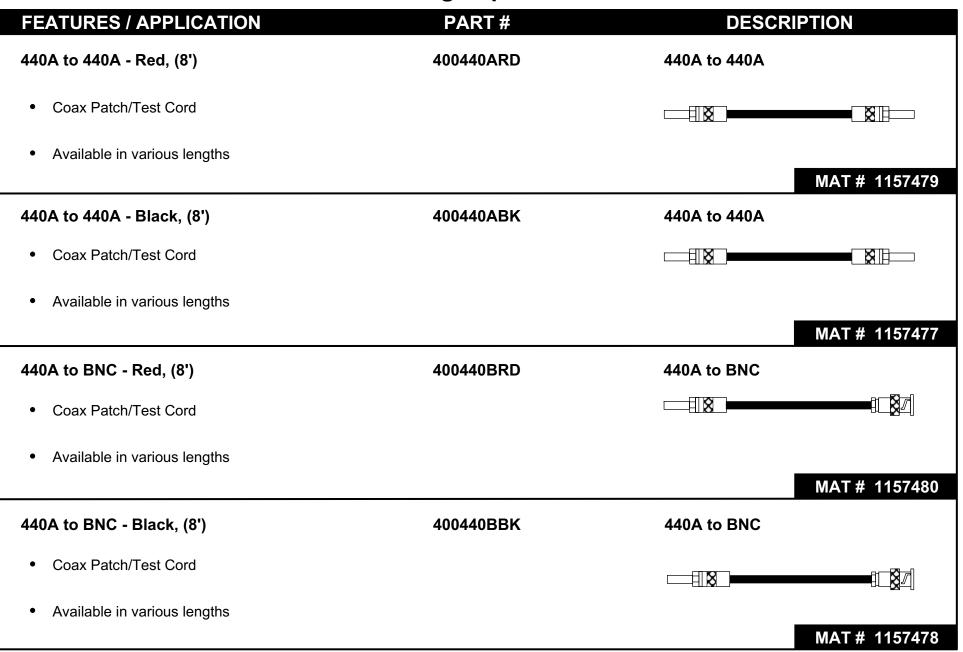




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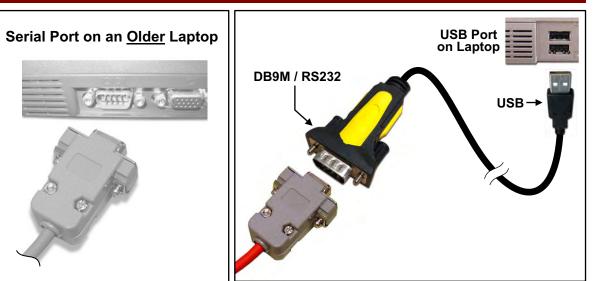
2024 Brightspeed MAT\Master\pg07\_r01.dsf (10/23/24)

| FEATURES / APPLICATION                                    | PART #  | DESCRIPTION  |
|---|---|--|
| Universal Carrying Case                                   | 600209  | UNIVERSAL  |
| Small Carrying Case                                       |   | CARRYING CASE  |
| • Approx. Dimensions: 5" (H) x 16" (L)                    |   | B56-753-8585 MAT # 1157463   |
| Universal Carrying Case                                   | 600209N                                       | UNIVERSAL  |
| Medium Carrying Case                                      |   | CARRYING CASE  |
| • Approx. Dimensions: 9" (H) x 16" (L)                    |   | B56 753 4585<br>MAT # 1157177  |
| 8 Pouch Carrying Case                                     | TCC-001P                                      | 8 POUCH<br>CARRYING CASE   |
| Test Cord Carrying Case                                   |   |  |
| • Approx. Dimensions: 12" (H) x 15" (L)                   |   |  |
|   |   | MAT # 1157462  |
| Universal Carrying Case                                   | 600209F                                       | UNIVERSAL  |
| Large Carrying Case                                       |   |  |
| <ul> <li>Approx. Dimensions: 13" (H) x 20" (L)</li> </ul> |   | CASE<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCENTER<br>MERCE |
|   |   | MAT # 1157461  |
| Universal Carrying Case                                   | 600209XL                                      | UNIVERSAL  |
|   |   | CARRYING   |
| Extra Large Carrying Case                                 |   | CASE   |
| • Approx. Dimensions: 16.25" (H) x 20" (L) x 7.5" (D)     |   | MAT # 1157460  |
| byright © 2024 by Telecom Assistance Group, Inc.          |   | 2024 Brightspeed MAT\Master\pg08_r01.dsf (10/23/2  |
| elecom Assistance Group (TAG)<br>//ww.tagcords.com        | 150 Cooper Rd. (F-15)<br>W. Berlin, NJ  08091 | Telephone: (856) 753-858<br>Fax: (856) 768-764   |

# 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!



## **System Requirements:**

- Supports Windows <sup>®</sup> 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.



## **Ordering Information:**

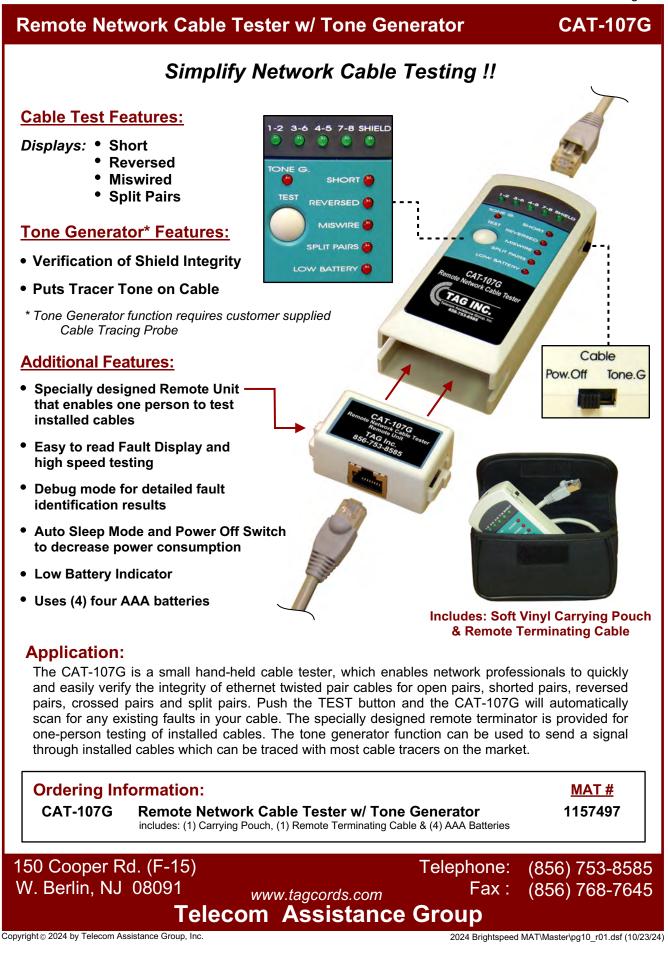
400720USB

DB9M/RS232 to USB Adapter Cable Supports Windows © 2000 / XP / Server 2008 / Vista / 7 / 8 / 10 / 11 <u>MAT #</u> 1157436

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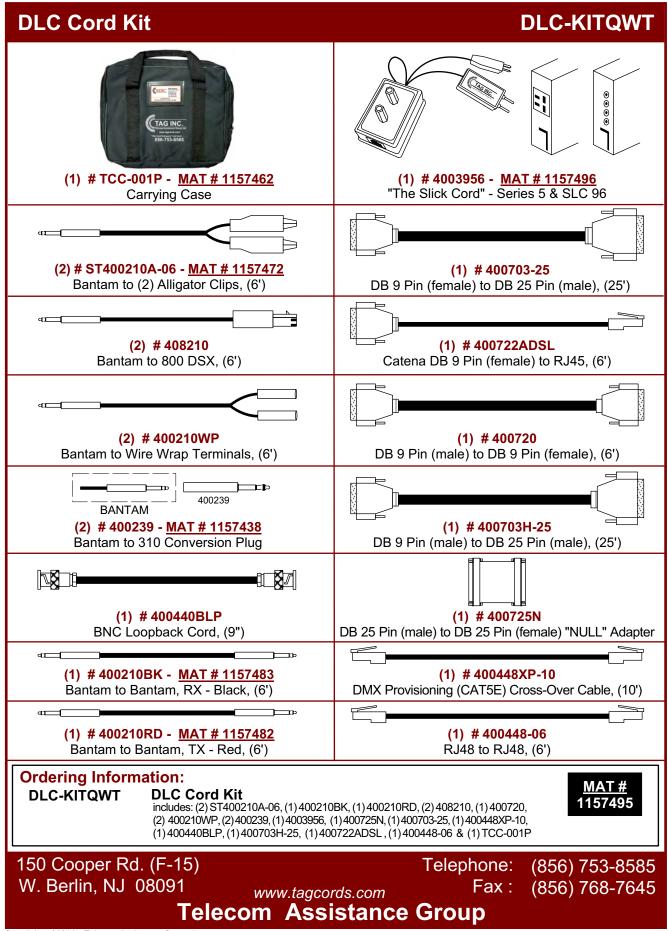
**Telecom** Assistance Group



# **WR-102BRK** Wire Reel Brake Replacement 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 New Brake Assemblies for and/or worn-out brakes. Central Office Wire Reels (wire reel is not included) **Ordering Information:** MAT # WR-102BRK **Cable Reel Brake Assembly** 1157502 w/ Grommet & Brake WR-102RWK **Rubber Wheel Repair Kit** 1157450 includes (4) Rubber Wheels & (4) Retaining Spring Clips 150 Cooper Rd. (F-15) Telephone: (856) 753-8585 W. Berlin, NJ 08091 Fax: (856) 768-7645 www.tagcords.com **Telecom** Assistance Group

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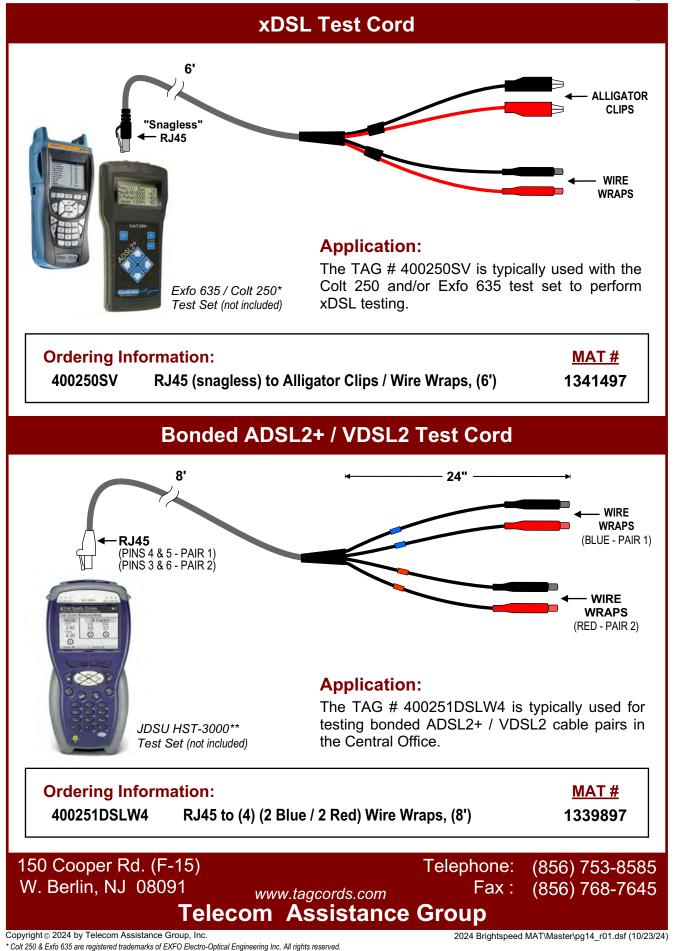


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KIT-HST3000H4

# JDSU HST-3000\* Cord Kit

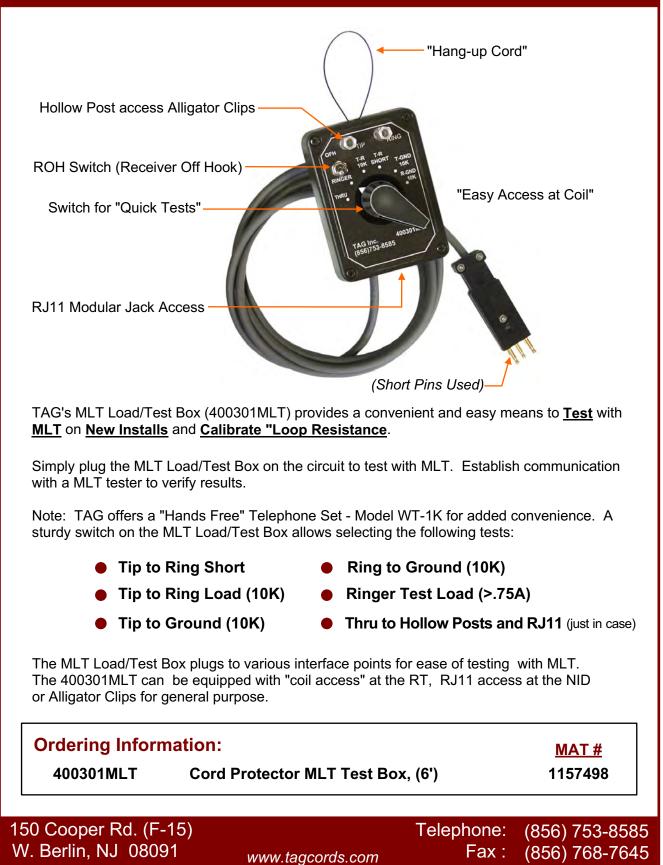
| -Ir<br>Provide  | est Cord Kit for use with<br>JDSU HST-3000*<br>ndividual items can also be ordered-<br>is a carrying case with all the<br>at a "Tech" needs in the field |  |  |
|---|--|--|--|
| HST3000 to 463A Protector (Red), (6')<br>Part # ACT-400100SRD   | HST3000 to 463A Protector (Blue), (6')<br>Part # ACT-400100SBY   |  |  |
| HST3000 to Mini Test Clips (Red), (6')<br>Part # ACT-400100TRD  | HST3000 to Mini Test Clips (Blue), (6')<br>Part # ACT-400100TBY  |  |  |
| HST3000 to Bantam (Red), (6')<br>Part # ACT-400100BRD   | HST3000 to Bantam (Blue), (6') Part # ACT-400100BBY  |  |  |
| HST3000 to RJ48C - (T1), (6')<br>(RJ48 Pins 1,2,4,5)<br>Part # ACT-400148BY   | HST3000 to RJ48S - (DDS), (6')<br>(RJ48 Pins 1,2,7,8)<br>Part # ACT-400148SBY  |  |  |
| MAT #<br>1157475           MAT #<br>1157475           MAT #<br>1157475           MAT #<br>1157475           MAT #<br>1157475  |  |  |  |
| 150 Cooper Rd. (F-15)<br>W. Berlin, NJ 08091<br><b>Telecom Assi</b><br>Copyright© 2024 by Telecom Assistance Group, Inc.<br>* HST-3000 is a registered Trademark of JDSU. |  |  |  |



\*\* JDSU Smart Class is a registered Trademark.

# **MLT Load / Test Box**

# 400301MLT



**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

## 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

<u>MAT #</u> 1157488

MAT #

1157489

TI LOOPBACK EXTENDER

#### EXT-238

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

> Brightspeed SAP MAT # 1157499



Telephone:

Fax:

## **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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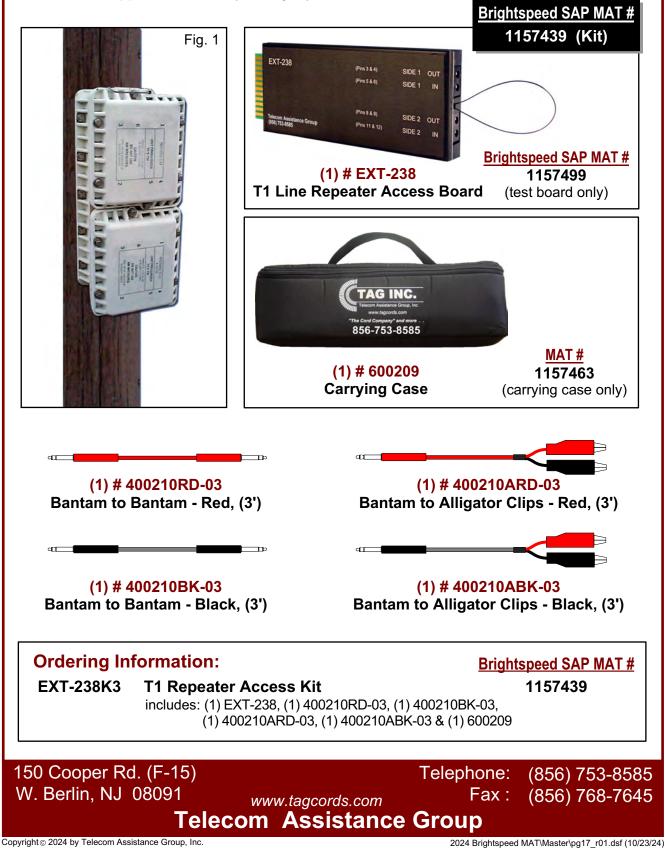
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(856) 768-7645

**EXT-238K3** 

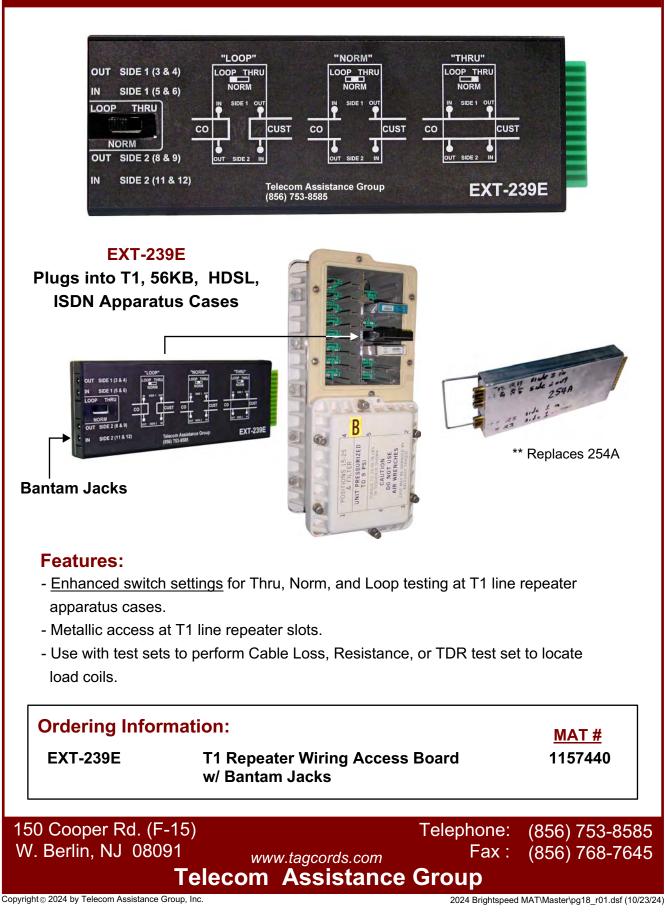
# T1 Repeater Test Kit

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:



# **T1 Repeater Wiring Access Board**

# **EXT-239E**



# Adtran

# "Total Access 3000"



#### **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 crossconnect wiring points. Using a T1 Test Set, the tester can transmit and receive T1 signals to verify cable acceptance and continuity.



<u>MAT #</u> 1157444

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

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# **Adtran**



# "Total Access 5000"

ST-T5K-SHDSL Adtran TA5000 SHDSL Streaker Card

32 Port (w/ 64 LEDs)

<u>MAT #</u> 1108511

ST-T5K-SPLTRV Adtran TA5000 V2 Splitter Streaker Card

32 Port (w/ 128 LEDs)

<u>MAT #</u> 1157455



OLIV DEF

Transaction

ST-T5K-DS1 Adtran TA5000 DS1 Streaker Card

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

> <u>MAT #</u> 1157459

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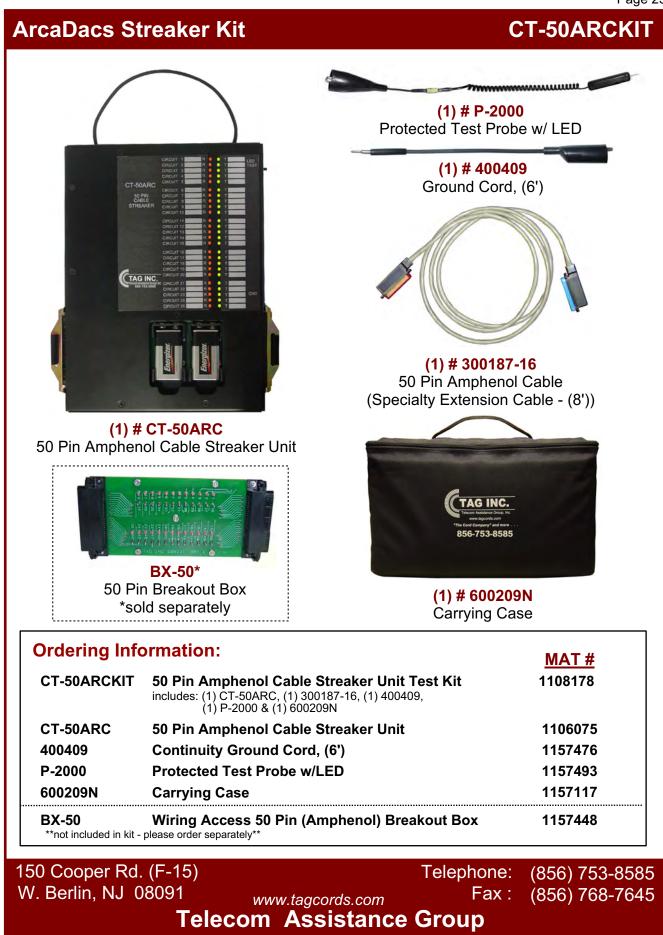
Telephone: (856) 753-8585 Fax: (856) 768-7645

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# Calix E7-2 Streaker Kit

# E7-2-KIT-01



# (1) # ST-CALIX-E7-2

Calix E7-2 Streaker Card, 48 Port w/ 96 LEDs

DO NOT LEAST

O NOT FORM

#### **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.



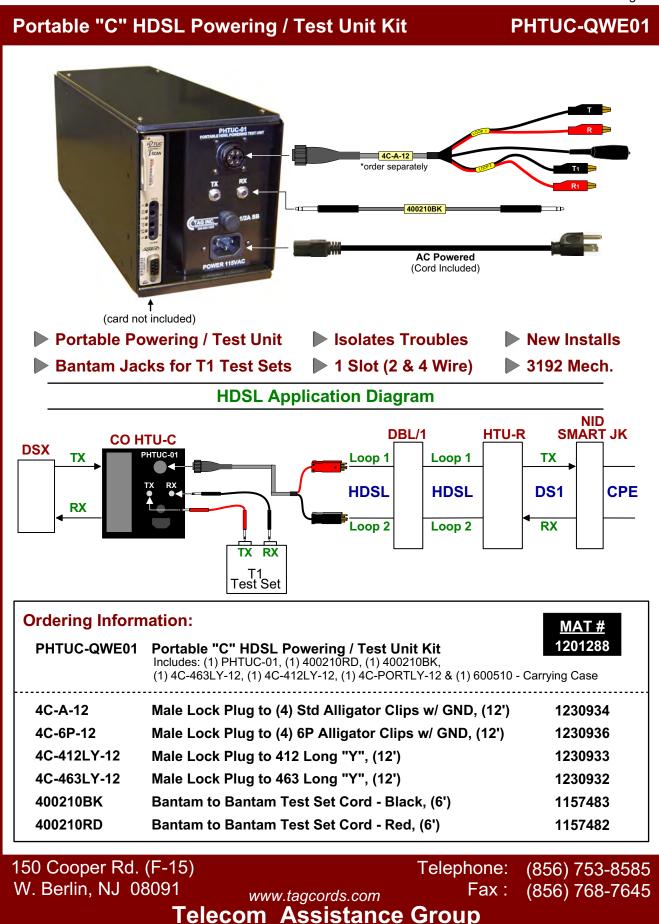
Protected (-48V) Test Probe w/ LED, (6')

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

> (1) # 600209XL Carrying Case

| Ordering Information:    |   | <u>MAT #</u>    |                |
|--------------------------|---|-----------------|----------------|
| E7-2-KIT-01              | <b>Calix E7-2 Streaker Kit</b><br>includes: (1) ST-CALIX-E7-2, (1) 400409<br>(1) 600209XL - carrying case | 9, (1) P-2000 & | 1250641        |
| P-2000                   | Protected Test Probe w/ LED   |                 | 1157493        |
| 600209XL                 | Carrying Case   |                 | 1157460        |
|                          |   |                 |                |
| 150 Cooper Rd. (F        | -15)  | Telephone:      | (856) 753-8585 |
| W. Berlin, NJ 080        | )91 www.tagcords.com  | Fax :           | (856) 768-7645 |
| Telecom Assistance Group |   |                 |                |

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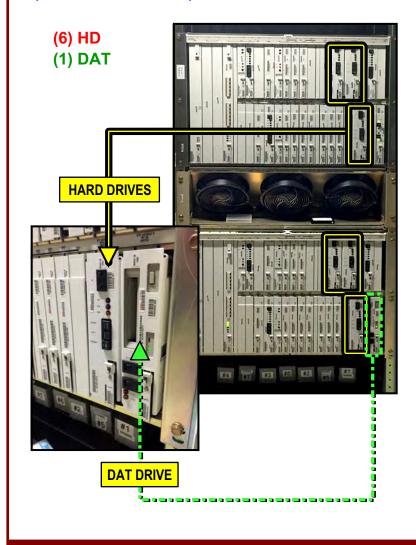


#### T-Berd\* 209 OSP Test Set Kits & Battery Replacements **BR-209OSP** 400209OSP Battery Replacement for T-Berd 209 15 Pin D (male) to Bendix Connector, (10') BR-2090SF 12V DC 2.8 AH TAGINC T-Berd 209 OSP 15 Pin D Test Set (male) EXT-2090S (not included) Bendix T-Berd 209 OSP Test Set (not included) Finger Guard (included) ▶ 12V DC / 2.8 Ah **Application:** EXT-209OSP TAG's # 400209OSP is the auto-test replacement T-Berd 209 OSP Drop-in Replacement cable for the T-Berd 209 OSP. The # 400209OSP "Smart" Repeater Adapter connects from the Bendix connector on the T-Berd w/15 Pin D Connector ► 3yr Warranty 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 # 1456791 **KIT-2090SP** T-Berd 209 OSP Auto Test T1 Repeater Test Kit 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-2090SP Battery Replacement for T-Berd 209** 1250307 **Telephone:** 150 Cooper Rd. (F-15) (856) 753-8585 www.tagcords.com **Telecom Assistance Group** W. Berlin, NJ 08091 (856) 768-7645 Fax:

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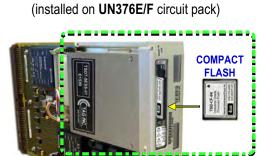
# **NEBS Certified** - 5ESS Solid State Drive Solutions from TAG

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



#### NEW SOLID STATE DRIVES FROM TAG

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



NEW DAT DRIVE w/ COMPACT FLASH

## **Application:**

Telecom

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

| TAG MODEL #  | USED ON UN375E AND UN375F CIRCUIT PACKS (   | HD)                  |  |
|--|---|----------------------|--|
| TSD-5ESS-01  | Solid State Replacement for:  | 9.1 Gb               |  |
| <u>MAT #</u><br>R1354898   | Hard Drive, HECI code SP3QADRAAA (typical),<br>KS-23908 QUANTUM 3.5 INCH SCSI   |                      |  |
| TAG MODEL #  | USED ON UN376E AND UN376F CIRCUIT PACKS (   | DAT)                 |  |
| TSDT-5ESS-01   | Solid State Replacement for:  | 4 Gb                 |  |
| <u>MAT #</u><br>R1355139   | <b>DAT Drive</b> , C1539, HECl code SP3QADLAAC (typical),<br>Includes: 4Gb Industrial Compact Flash Card (# TSD-CF-04*) |                      |  |
| * Additional Compact Flash Cards are Available:<br>4Gb (# TSD-CF-04, Brightspeed SAP MAT # 1343960), 8Gb (# TSD-CF-08), 16Gb (# TSD-CF-16), 32Gb (# TSD-CF-32) |   |                      |  |
| ww.tagcords.com<br>Assistance  |   | 753-8585<br>768-7645 |  |

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

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



## **Application:**

TAG can **<u>REPLACE</u>** failing / broken Hard Drives and Optical Disk Drives within Ericsson AXE-10 IOG11 Modules with <u>**NEW**</u> Solid State Drives. AXE-10 IOG11 MODULES w/ NEW SOLID STATE DRIVES FROM TAG

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

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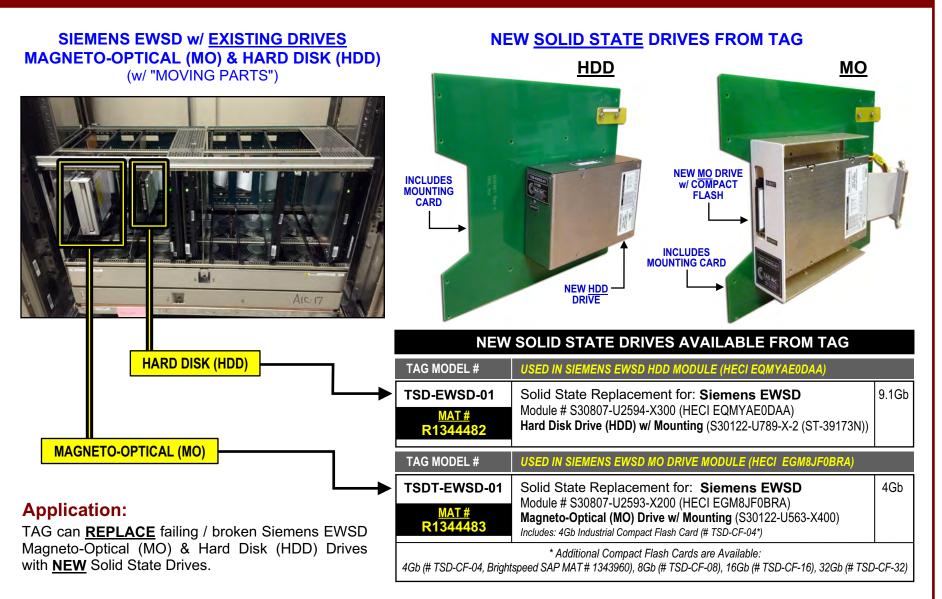
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(856) 753-8585

# **NEBS Certified** - Siemens EWSD Drive Solutions from TAG



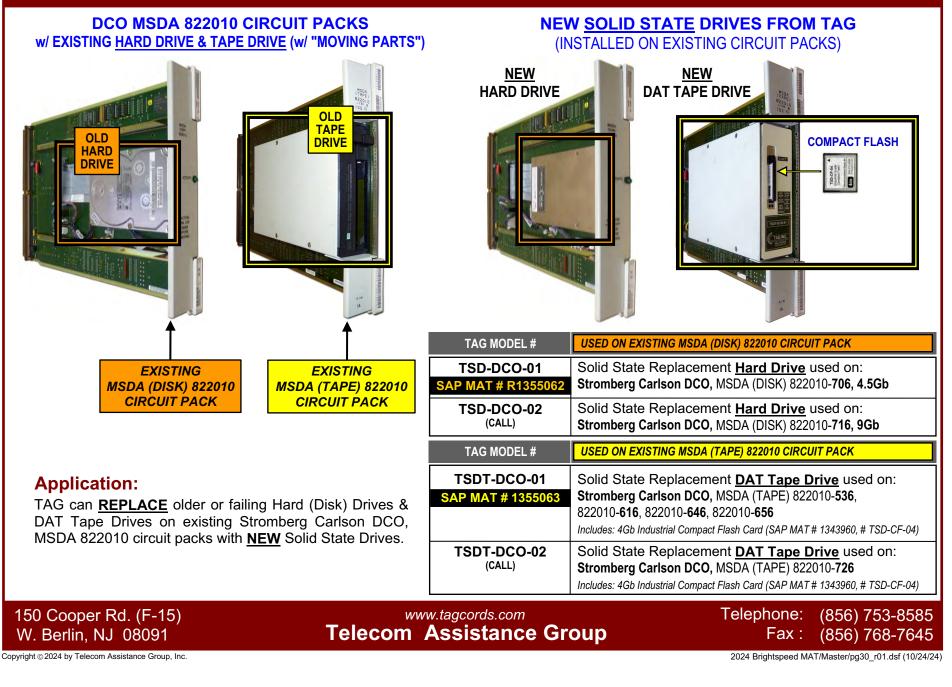
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# **NEBS Certified** - Stromberg Carlson DCO Drive Solutions from TAG



Page 31 **NEBS Certified** - DMS-10 (NT8T90BB) Drive Solution from TAG NORTEL DMS-10 NT8T90BB MODULE **NEW SOLID STATE DRIVE FROM TAG** w/ Hard Drive (w/ "MOVING PARTS") 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               | Solid State Replacement for:<br>Nortel DMS-10 (HECI EMI2CLCBAA) NT8T90BB |
| <u>MAT #</u><br>R1350768 | Hard Drive   |

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Fax: (856) 768-7645

Telephone:

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



## **Application:**

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

TSDT-4T32BA Solid State Replacement for: Nortel DMS-10 (HECI EMCPKL0BAA) NT4T32BA <u>MAT #</u> (Fujitsu MCF3064 SS) Magneto-Optical (MO) Drive, R1350767 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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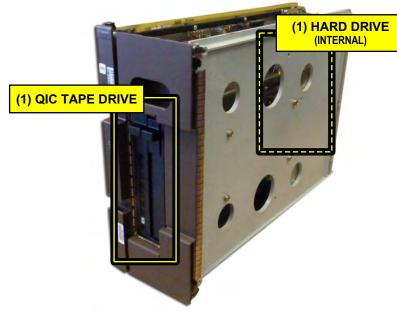
www.tagcords.com **Telecom Assistance Group**  **Telephone:** (856) 753-8585 Fax: (856) 768-7645

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

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



# **Application:**

TAG can **<u>REPLACE</u>** 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 FROM TAG



# NEW SOLID STATE DRIVES AVAILABLE FROM TAG

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

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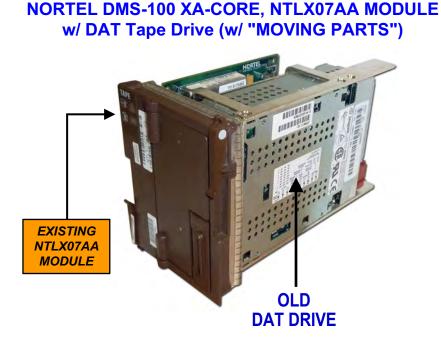
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## **NEBS Certified - DMS-100 (XA-CORE, NTLX07AA) DAT Drive Solution from TAG**



NTLX07AA Module with a NEW Solid State Drive.

# **NEW SOLID STATE DRIVE FROM TAG** TAPF COMPACT FLASH **NEW TAG DAT DRIVE**

# NEW SOLID STATE DRIVE AVAILABLE FROM TAG

#### TAG MODEL # USED IN NTLX07AA MODULE (HECI ENPQA1B1AA) TSDT-NTLX07-01 Solid State Replacement for: TAG can **REPLACE** the failing / broken Nortel Nortel DMS-100 (HECI ENPQA1B1AA) DMS-100 DAT Tape Drive in the XA-CORE, <u>MAT #</u> XA-CORE, NTLX07AA, DAT Tape Drive 1495798 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)

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

**Application:** 

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4 Gb

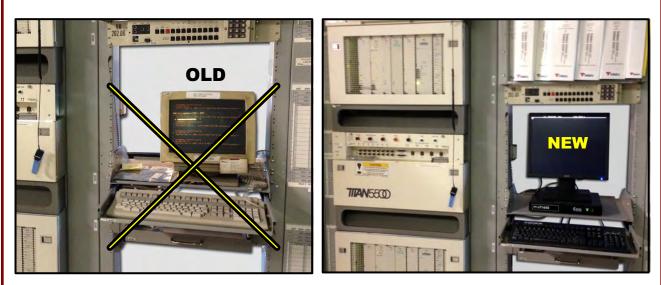




Single Session Dumb Terminals - Transport / DACS Equipment

# <u>NEW</u> 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



### **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)

Brightspeed SAP MAT # 1332217

## **Ordering Information:**

### Brightspeed SAP MAT # 1332217

**TT-VT100S** Single Session Dumb Terminal - Transport / DACS includes: (1) 17" Flat Screen Monitor, (1) Keyboard,

- (1) Single Session Dumb Terminal Controller,
- (1) DB25M Gender Changer & (1) Quick Guide

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

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(856) 753-8585 (856) 768-7645

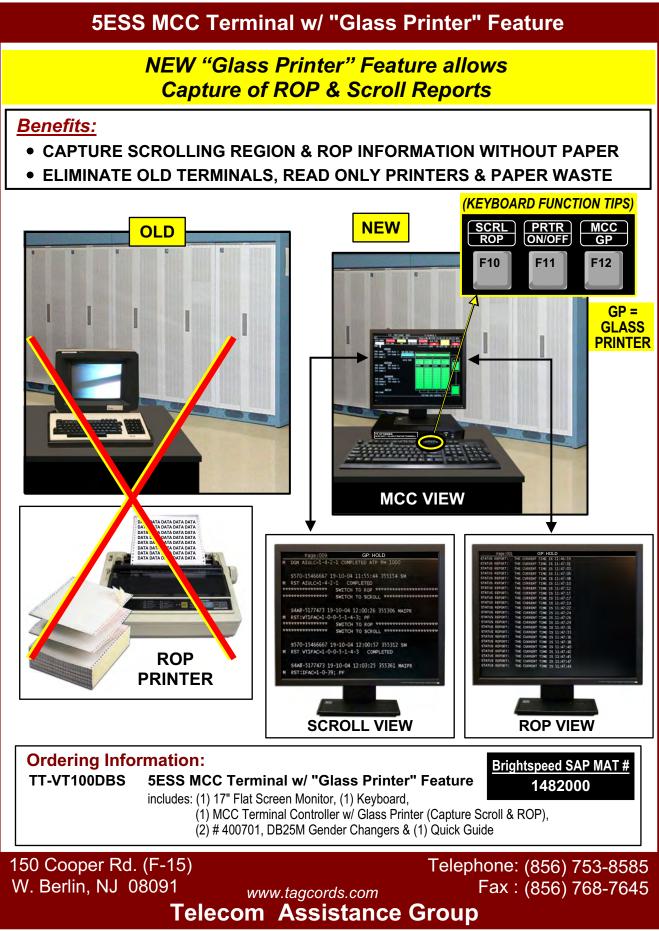
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2024 Brightspeed MAT\Master\pg38\_r01.dsf (10/24/24)



2024 Brightspeed MAT\Master\pg39\_r01.dsf (10/24/24)

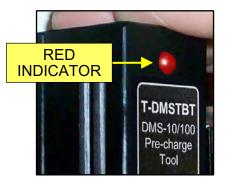
**T-DMSTBT** 

# DMS-10/100 Pre-Charge Tool



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





- 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:**

T-DMSTBT

DMS-10/100 Pre-Charge Tool (replacement for NTA0600512)

www.tagcords.com

<u>MAT #</u> 1463935

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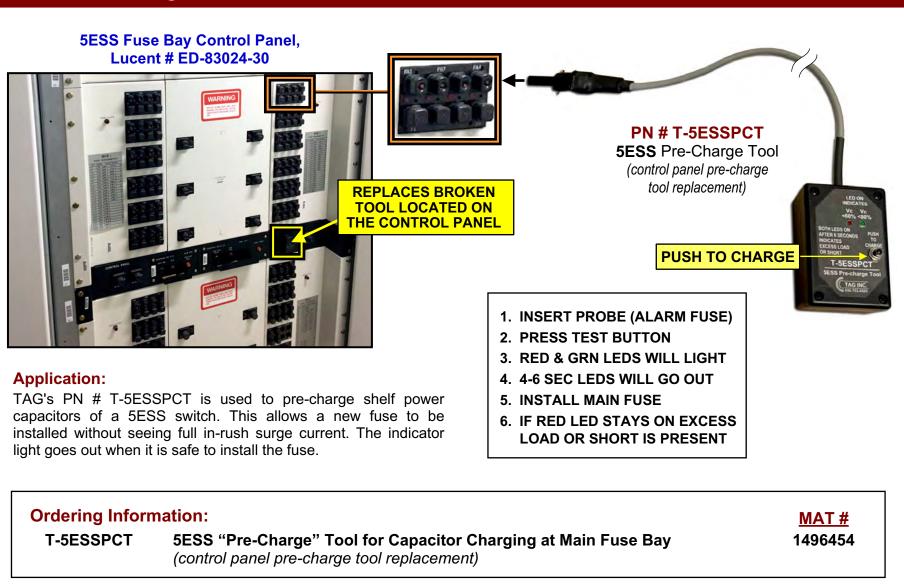
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**T-5ESSPCT** 

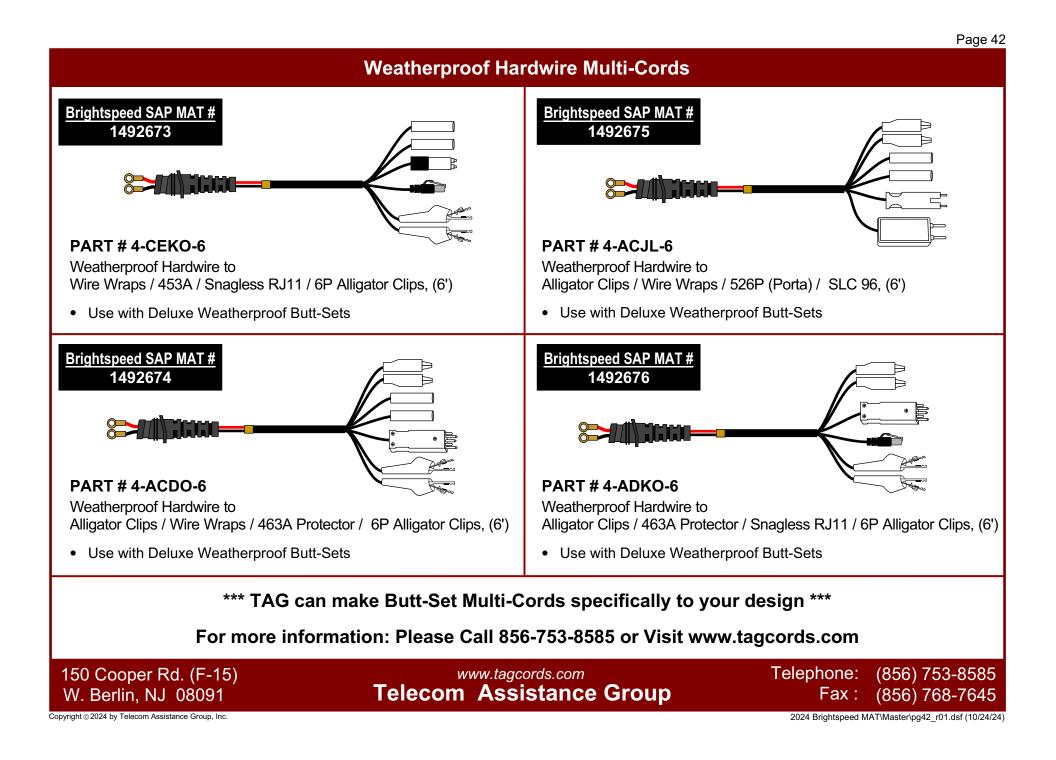
# **5ESS "Pre-Charge" Tool**



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| Part #          | Description         |   | Brightspeed<br>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    |
|                 | -                   | 5ESS Fan w/ 5 Leads & AMP Connector   | 4000-40                  | 1000-10    |
| TF-5ESS-02P     | KS23912L1A Equiv.   | (w/ Internal Thermal Speed Control Sensor)  | 1330513                  | 1330513    |
| TF-5ESS-02F     | KS23912L1A Equiv.   | 5ESS Fan w/ 5 Leads & Faston Connectors   |                          | 1330515    |
| TF-5ESS-03P     | KS23912L2 Equiv.    | (w/ Internal Thermal Speed Control Sensor)<br>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                                 | 1002/00                  | 1341565    |
|                 |                     | ADTRAN FANS   | L                        |            |
| TF-TA3000-01    | Adtran TA3000 48    | / Fan w/ 3 Wire Plug (use in HECI: M3PQ0AV, 1181006L1)                            |                          | 1479267    |
| TF-TA5K-01      |                     | / Fan w/ 4 Wire Plug  |                          | 1359596    |
| TF-TA5K-02      |                     | / 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    |                     | an w/ Internal Sensor & Tach output (use in 3EC 16697 (XXXX))                     |                          | 1341521    |
| TF-DSCECS1-01   | DSC / Alcatel ECS1  |   |                          | 1341522    |
| TF-ALC1603-01   |                     | an w/ 3 Wire Plug (use in Low-Volume Fan Tray # 625052-000-0XX)                   | 1475327                  | 1475327    |
| TF-ALC1631-01   |                     | an (Square) w/ Power Prongs (use in Assembly # 695-3363-302)                      |                          | 1359594    |
| TF-ALC1631-02   |                     | an (Round) w/ Power Prongs & Tach Lead (use in #3AL45446AA)                       |                          | 1359611    |
| TF-ALC1631-03   |                     | 18V Fan (Square) w/ Pwr Prongs & Tach Lead (use in #695-8489-001)                 |                          |            |
| TF-ALC1680-01   |                     | 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 / Do  |   |                          | 7005999    |
| TF-BIGBPS-01    | •                   | 3 Wire Plug for BigBand (FTTP bays) & ADC RF Worx Power Supplies                  |                          |            |
|                 |                     | CIENA FANS  |                          |            |
| TF-CN3916-K50   | Fan Kit for Ciena 3 | 916 # 170-3916-904, (Kit includes (50) 12V (40x40x10mm) Fans)                     |                          | 1501840    |
| TF-CN1600-01    |                     | , 48V Fan (fan only, mounting bracket is not included)                            |                          | 1341524    |
| TF-DN7100-01    |                     | / Fan w/ 3 Wire Plug  |                          |            |
| TF-DN7100-02    |                     | ' Fan w/ 3 Wire Plug  |                          |            |
|                 | ,                   | DSC DEX600E FANS  |                          |            |
| TF-DEXLAP-01    | DEX600E MSP Bay     |   |                          | 1341525    |
| TF-DEXDSI-01    | -                   | Fan (DSI (FAIC) type cards)   |                          | 1341526    |
| TF-DEXDTI-01    |                     | Fan (DTI (AMM) type cards)  |                          | 1341527    |
| TF-DEXCS3-01    | DEX600E CS3, 48V    |   |                          | 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     |                     | n Unit, 12V (40mm x 20mm) Fan for w/ 4 Wire Plug                                  | 1490737                  | 1490737    |
| TF-AI-180       |                     | Series 180, 48V Cooling Fan   |                          | 1437966    |
|                 |                     | DATAKIT / FUJITSU / GALAXY RECTIFIER FANS   | L                        | 1-01000    |
| TF-DATAKIT-01   |                     | System w/ 3 Wire, 4 Pin Connector   |                          |            |
|                 |                     | -   |                          |            |
| TF-FW4500-01    |                     | ave 4500 Fan Unit w/ 4 Wire Plug (for # FC9580FAN1,SNPQCUG5AB)                    |                          |            |
| TF-FLM150-01    |                     | Fujitsu FLM 150 Fan Tray w/ 3 Wire Plug   |                          | 440000=    |
| TF-GLX595LTB-01 | 46V Fan for Galaxy  | 595LTB Rectifier w/ 4 Wire Plug   |                          | 1462387    |
| TET MESOT       |                     | LORAIN / MARCONI RECTIFIER FANS   |                          | 40.446.4.4 |
| TFT-MRECT       |                     | embly for Vortex Rectifier (Lorain/Marconi 104545) (V200D50)                      | +                        | 1341614    |
| TF-MREC-01      |                     | brain / Marconi) (V200D50), 24V Fan w/ 3 Wire Open End                            | -                        | 40.44.5    |
| TF-MREC-02      |                     | prain/Marconi), 24V Fan & 3 Wire Plug (use in V200E50)                            |                          | 1341615    |
| TF-RHM400-01    |                     | fier Unit (Lorain/Marconi), 220VAC Fan  |                          | 1341529    |
| TF-LRA50B50-01  | -                   | 50B50), 48V Fan w/ 2 Wire Plug  |                          | 1444636    |
| TF-LRV50B50-01  | Lorain Rectifier (V | 50B50), 24V Fan w/ 3 Wire Plug  |                          |            |





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| Part #                   | Description  | Brightspeed<br>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)<br>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                | <b>NEC,</b> 48V Fan (fan only) <i>(ITS-2400)</i>   |                          | 1341500 |
| TF-NEC02-KIT1            | NEC, 48V Fan Kit w/ Mounting & Guard Grill ( <i>ITS-2400</i> )   |                          | 1341501 |
| TF-NEC-03                | NEC, 48V Fan (fan only) (ITS-2400V FL)   |                          | 1341502 |
|                          | NORTEL FANS (DMS, Carrier VolP, DPCC SuperNode "Squirrel Cage" Blowers   | )                        |         |
| TFT-3X9013T<br>** NEW ** | TAG Universal DMS-100 3X9013 Fan Tray<br>(NEW TRAY is pre-assembled w/ (5) NEW fans, Alarm Board, Wiring Harness w/<br>Connector & Universal Mounting Holes for NT3X90AA, NT3X90AB, NT3X90AC &<br>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 |
|                          | DMS Fan Alarm Repl. Lamp ("Fan Fail" / "Frame Fail") (QTY of 10)   |                          |         |
| TLMP-DMFA-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<br>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  |                          |         |
|                          | DMS-100 DPCC SuperNode Blower "Squirrel Cage" Replacement  | 4255044                  | 4055044 |
| TF-DMSLGN5               | 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<br>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-02 | 24V (80mm) Fan for Argus Rectifier w/ 2 Wire Right Angle Plug & Threaded Inserts  | +                        | 17/7133 |
|                | 12V (120mm) Fan for Argus Rectifier w/ 2 Wire Right Angle Flug & Threaded inserts | +                        |         |
| TF-RECARGUS-04 |   | +                        | 1211510 |
| 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<br>SAP MAT # | MAT #   |
|-----------------|--|--------------------------|---------|
| C               | SP CABINET / TRAY FANS & ALARM CONTROL BOARDS - continued from previou   | us 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 <b>CommScope Cabinet, ALP HX Door</b> w/ 5 Wire, 6 Pin Connector   |                          |         |
| TF-COM6DF-02R   | 48V Fan for <b>CommScope 52/82 Cbnt, HX Door</b> 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<br>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 <b>DISC*S CPU</b> w/ 2 Wire Open End (fan only, use with existing bracket)   |                          | 1479944 |
| TF-CN5150HX-01  | 48V HX for <b>Telamon / Ciena 5150 EMUX</b> 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 (KS220926 2)  | 1000100                  | 1550150 |
| TF-SLC96-AC012  |  |                          | 1356199 |
|                 | 110VAC Fan (fan only) for SLC96 (36 Type) Cabinet (use in KS22099L5)   |                          |         |
| 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 x 304)   |                          |         |
| TFC-MESA246-01  | 6 Fan Environmental Control Unit (ECU) for Remote Cabinet Sites  |                          | 1461124 |
| TFCS-MESA246-01 | Extension Cable for Mesa Fan Controllers, (8')   |                          | 1461124 |
|                 |  |                          | 14/0000 |
| TFC-WORX-FAM1   | PowerWorx Front Access Fuse Panel (Equiv. to ADC # TFA-FAM)  |                          |         |

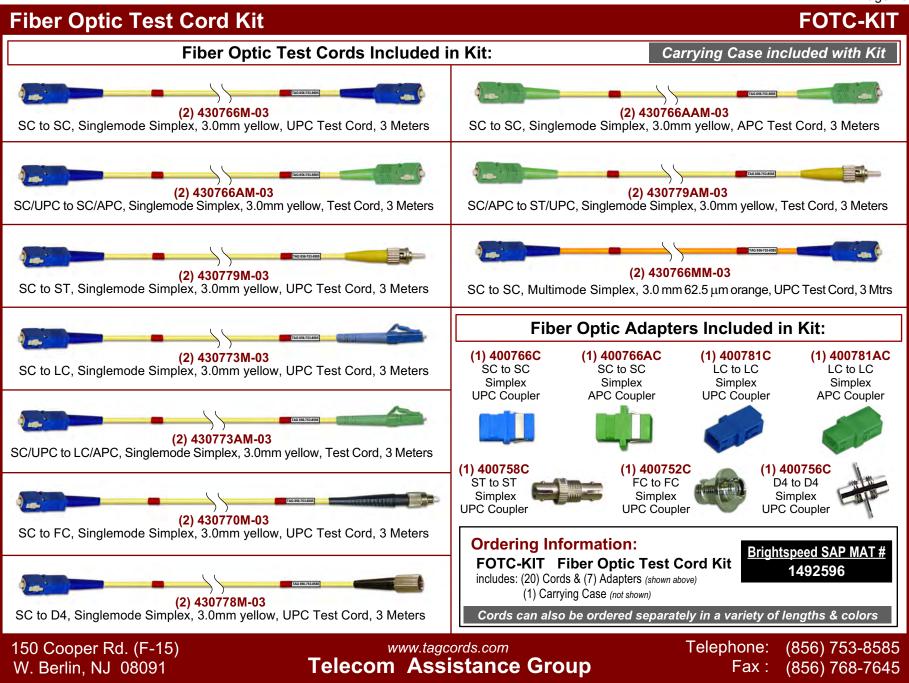




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| Part #                       | Description   | Brightspeed<br>SAP MAT # | MAT #              |
|------------------------------|---|--------------------------|--------------------|
| 0                            | SP CABINET / TRAY FANS & ALARM CONTROL BOARDS - continued from previou                  | ıs 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 <b>DCO RLS</b> 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            |                          | 1400400            |
| 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 <b>Calix ODC Stack</b> 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                  | 1401000            |
| TF-CLX225-02                 | (225mm) HX Impeller Fan (Upper) for Calix ODC Cbnt w/ 4 Wire Female Plug (30")          | 1400021                  | 1492772            |
| TF-CLX225-02                 | (225mm) HX Impeller Fan (Lower) for Calix ODC Cabinet w/ 4 Wire Hendle Flug (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 <b>Reltec / McLean Cbnt</b> w/ Pwr Plug & Adapter Plate (fan only) | 1430103                  | 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.            |                          | 1493505            |
|                              | (225mm) HX for Mclean ClimaGuard Cabinet Cooler w/ 4 Wire Weatherproof Conn.            |                          |                    |
| TF-TX38HX-01<br>TF-NP0402-01 | 48V Heat Exch. for Noren Cooling Unit - Internal (6.71K) w/ 3 Wire Open End             | 1359090                  | 1473110<br>1359090 |
|                              |   | 1359090                  |                    |
| TF-NP0414-02                 | 48V Heat Exch. for Noren Cooling Unit - External (8.45K) w/ 3 Wire Open End             | 4245000                  | 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                | 4400400                  | 1451078            |
| TFC-MESA-01                  | 2 Port Mesa Cabinet ECU (Cell Site: XL, SOLE, Span XL, Bridge, Edge & Sport)            | 1492180                  |                    |

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**TFT-3X9013T** 

**NEW CONTROL BOARD WITH BUILT IN ALARMS** 

(no sensor paddles)

**NEW** FAN TRA

# 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: UNIVERSAL MOUNTING HOLES 5 NEW 48VDC FANS** NEW CONNECTORIZED WIRING HARNESS NT3X90AA/AB - 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

TAG DMS-100 3X9013 Universal Fan Tray

**NT3X90AC** 





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