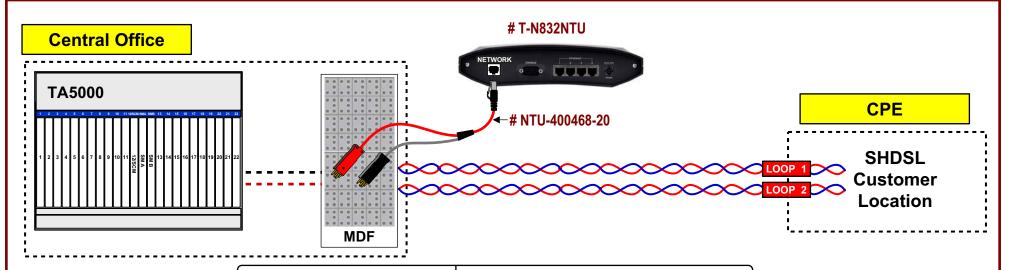
# Ethernet Over Copper SHDSL Testing Diagram

## **Procedure to Clear the Central Office**





#### **NTU - FRONT PANEL LEDs**

### Label: LOOP 1-2

Indication: Status:

O Off SHDSL loop is disabled.

Green SHDSL loop is trained & FFM SYNC is established.

- Green Flashing SHDSL loop is training.

Green Flashing SHDSL loop is trained but (Fast) EFM SYNC has not been acquired.

SHDSL loop is in test. Yellow

Red SHDSL loop is enabled. No activity is occurring on the loop.

Red Flashing SHDSL loop is in the hand-shake process.

#### **INSTALLATION AND TEST PROCEDURE**

Before connecting the NTU (# T-N832NTU), be sure to have the following items:

- RJ45 to 463A Protector "Y", Short Pins (# NTU-400468-20)
- Power Pack (# T-NPC832)

Follow the steps listed below to install the # T-N832NTU:

- 1. Connect power to rear 12 VDC power port labeled POWER.
- 2. Connect the RJ45 on the # NTU-400468-20 to the Network port on the rear of the # T-N832NTU.
- 3. Caution: Check cable pair loop for power!



- 4. Connect the Protectors on the other end of the cord (labeled CKT 1 & CKT 2) to the corresponding cable pair.
- **5.** A good test is indicated by:
  - Solid Green LEDs on LOOP 1 & 2 if an EFM-GROUP has been configured at the NTU.
  - Flashing Green (Fast) LEDs on LOOP 1 & 2 if an EFM-GROUP has NOT been configured at the NTU.
- A Flashing Green (Slow) LED indicates the circuit is training.

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