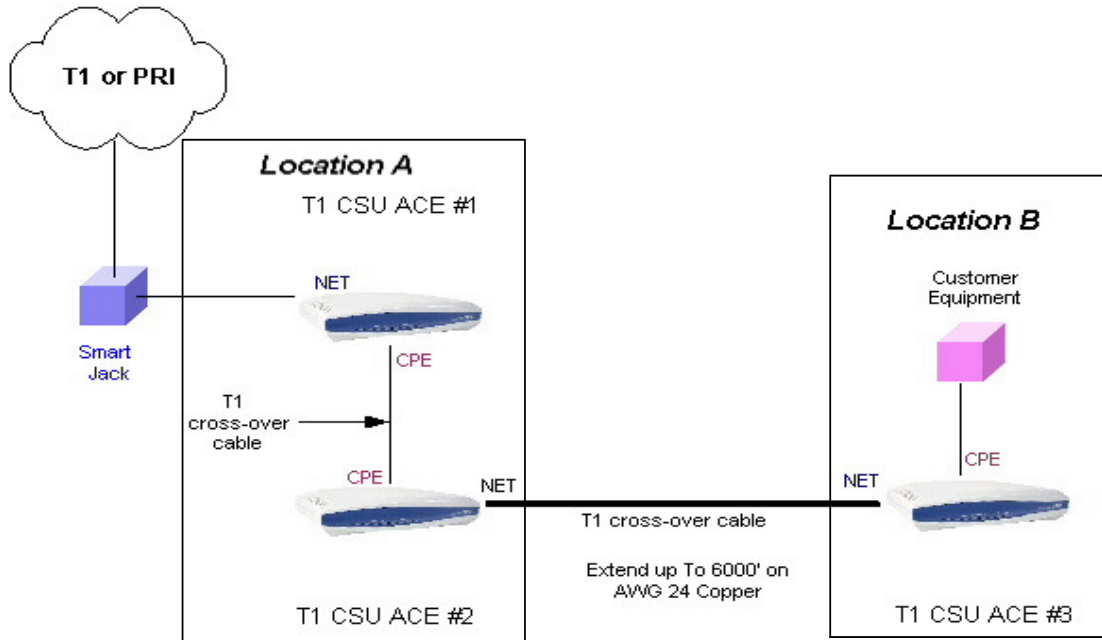


T1 or PRI Extension From the DMARC (Smart Jack)



Description: Extend a T1 or PRI up to 6000 ft. on 24 AWG copper from location A to location B.

Location A:

1. Terminate a T1 or PRI service from the DMARC of location A to the network interface of T1 CSU ACE #1.
2. Attach a T1 crossover cable from the customer interface of T1 CSU ACE #1 to the customer interface of T1 CSU ACE #2.
3. Attach the network interface of T1 CSU ACE # 2 to the point-to-point circuit that goes to location B.

Location B: *If the customer premise equipment requires a CSU*

1. Attach the network interface of T1 CSU ACE # 3 to the point-to-point circuit that comes from location A.
2. Attach the customer interface of T1 CSU ACE #3 to customer premise equipment.

T1 Crossover Cable Pinout

Pin 1 RX Ring	Pin 4 TX Ring
Pin 2 RX Tip	Pin 5 TX Tip
Pin 4 TX Ring	Pin 1 RX Ring
Pin 5 TX Tip	Pin 2 RX Tip