



DSX-28P-RJ48

28-circuit Demarcation Solution, RJ Ports & DS1 Monitor Jacks Specification Sheet



Applications

- T1 Backhaul – Demarcation and Testing
- Customer Handoff/Demarcation
- Remote Node Connectivity

Primary Benefit

- This RJ48X panel includes automatic loopback function
- 64-pin female connectors enable rapid deployment and simple usage
- Cable management integrated into the panel
- Completely enclosed chassis provides robust protection for connections
- Bantam ports provide T1 termination monitoring
- Reversible mounting brackets fit 19-inch and 23-inch equipment racks, EIA or WECCO

RJ48X Loopback Plug





Technical Specifications

Dimensions:

- 1.7 in (H) x 19 in (W) x 5.9 in (D)
- 4.32 cm (H) x 48.26 cm (W) x 14.98 cm (D)

Weight

- 10 lbs (4.5kg)

Color

- White

Material

- Steel

DS1 Jack Test Method

- Dedicated Digital Jack
 - Unless otherwise specified, all appropriate products are tested under MIL-J-641, method 202f

Electrical

- Insertion Loss: <-0.5 dB (at 1.576 MHz)
- Crosstalk: <-60dB
- Return Loss: <-26dB at 772 kHz
- Monitor Level: 21 dB +/- 1.5 dB below signal level
- Contact Resistance <0.01 ohms
- Characteristic Model 100 ohms

Mechanical

- Insertion Force: 4.17 lb (1.9kg) average
- Life: Minimum 20,000 insertion/withdrawal cycles
- Vibration: Per MIL-STD-202f, method 106E
- Thermal Limits:
 - -40°F to 149°F (-40°C to 65°C) operating
 - -67°F to 185°F (-55°C to 85°C) nonoperating
- Thermal Shock: Per MIL-STD-202, method 107D
- Humidity: 0%~95% operating and non-operating

| Mechanical Interface | Specifications |
|--|---|
| 8-pin RJ48 Female Connector (unshielded) | 1 – R RCV 2 - T RCV 3 – Unused 4 – R XMT 5- T XMT 6 – Unused 7 – Unused 8 - Unused |
| Amphenol-Type Connector (Unshielded) | 64 Pins |