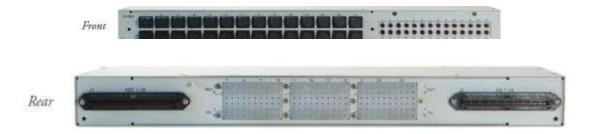


# **DSX-28P-RJ48**

## 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 WECO

## 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
  - o 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

- Insertiona Force: 4.17 lb (1.9kg) average
- Life: Minimum 20,000 insertion/withdrawal cycles
- Vibration: Per MIL-STD-202f, method 106E
- Thermal Limits:
  - $\circ$  -40°F to 149°F (-40°C to 65°C) operating
  - $\circ$  ~ -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