

1 RU 28-Termination DSX-1 Panel

Compact Network Edge DS1 Connectivity Solution

Overview

The compact 28-termination 1 RU DSX-1 is ideal for network edge locations such as remote sites, controlled environment vaults, huts, wireless/radio applications and points of presence.

Applications

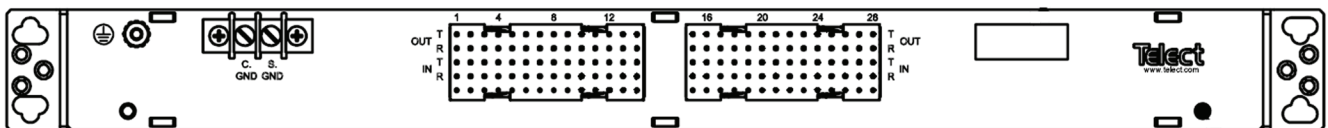
- Remote sites
- CEVs
- Wireless/radio
- Points of presence

Primary Benefits

- Industry-standard design enables the use of all legacy Bantam patch cords, including Telect Blue Nickel
- 19- to 23-inch mounting adapter brackets included with all 19-inch panels so only one part number is required within your ordering system
- Circuit multiples match industry-standard SONET OC3, 12, 48 and 192 systems
- Gain a lifetime of reliable connections with Telect's patented Dedicated Digital Jacks
- Backed by Telect's DSX lifetime warranty
- Standard color is white



010-0128-0001, Front View



010-0128-0001, Rear View

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Ordering Information

Description	Part Number
1 RU Front cross-connect 28-term. DSX-1	010-0128-0001

Accessories

Description	Part Number
Single conductor Blue Nickel™ patch cord	040-1000-xxx (xxx=feet)
Dual conductor Blue Nickel™ patch cord	040-2000-xxx (xxx=feet)
Looping plug	040-3000-0000RC
100-Ohm Bantam terminating plug	040-5000-0100
5-Conductor cross-connect wire, 1000 ft.	060115RC
Bantam circuit guard plug, white	101222-2
Bantam circuit guard plug, red	101222-3
"Phoney" plug, black	101235-1
"Phoney" plug, red	101235-3

Panel Specifications

Dimensions	19" W x 1.75" H x 8" D (483 mm x 44 mm x 203 mm)
Weight	11 lbs. (5 kg)
Designation	1-28
Material	Cold-rolled steel
Cross-connect field	Front wire-wrap
Network element field	Rear wire-wrap
Agency compliance	NEBS Level 3

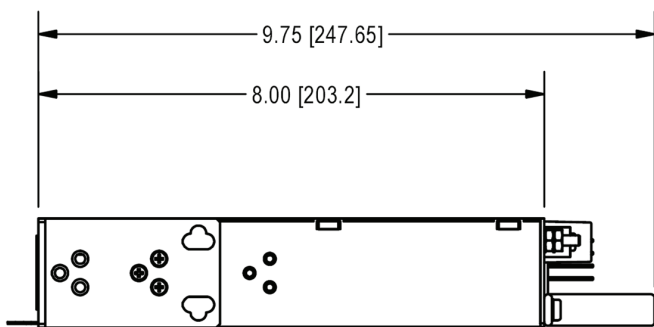
DSX Jack Specifications

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	< -60 dB
Return loss	< -26 dB at 772 kHz
Monitor level	21 dB +/-1.5 dB below signal level
Contact resistance	< 0.01 ohms
Characteristic impedance	100 ohms

Mechanical	
Insertion force	4.17 lb (1.9 kg) average
Withdrawal force	5.21 lb (2.4 kg) average
Life	Minimum 20,000 insertion/withdrawal cycles
Vibration	Per MIL-STD-202F, method 201A

Environmental	
Salt spray	Per MIL-STD-202F, method 101D
Moisture resistance	Per MIL-STD-202F, method 106E
Thermal limits	-40 to 149°F (-40 to 65° C) operating -67 to 185°F (-55 to 85° C) non-operating
Thermal shock	Per MIL-STD-202, method 107D
Humidity	0 to 95% operating and non-operating



Above: Side view of panel

Right: DSX schematic, typical for all jacks

