

Low-Profile DSX-1 Panels

Copper :: 56, 64 or 84 Terminations, Wire-Wrap or Connectorized I/O

Overview

Telect low-profile DSX-1 panels deliver the cross-connect capabilities you need in a compact footprint to save space. All configurations are just 4 inches in height to maximize space and provide industry-leading density.

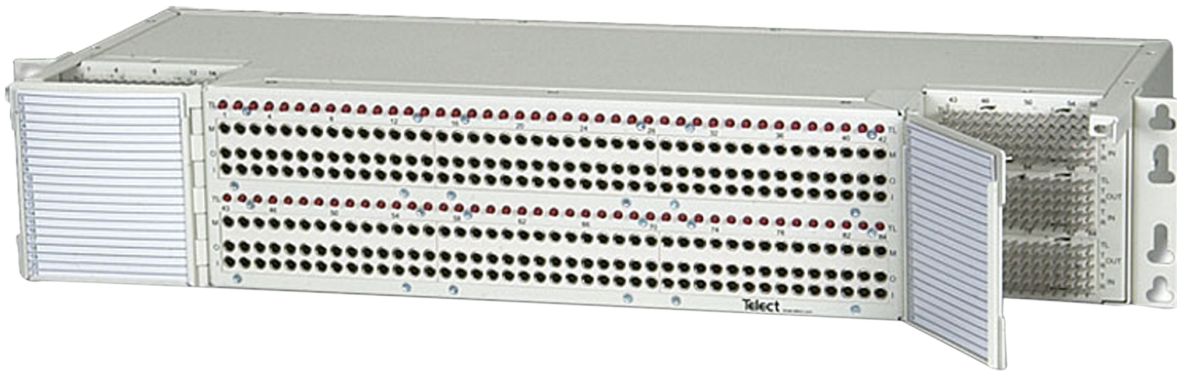
Advanced cable management, patented jacks for durability, and competitive pricing all add up to uncompromised performance in a cost-effective package. Panels are available in wire-wrap or 64-pin connectorized I/O configurations.

Applications

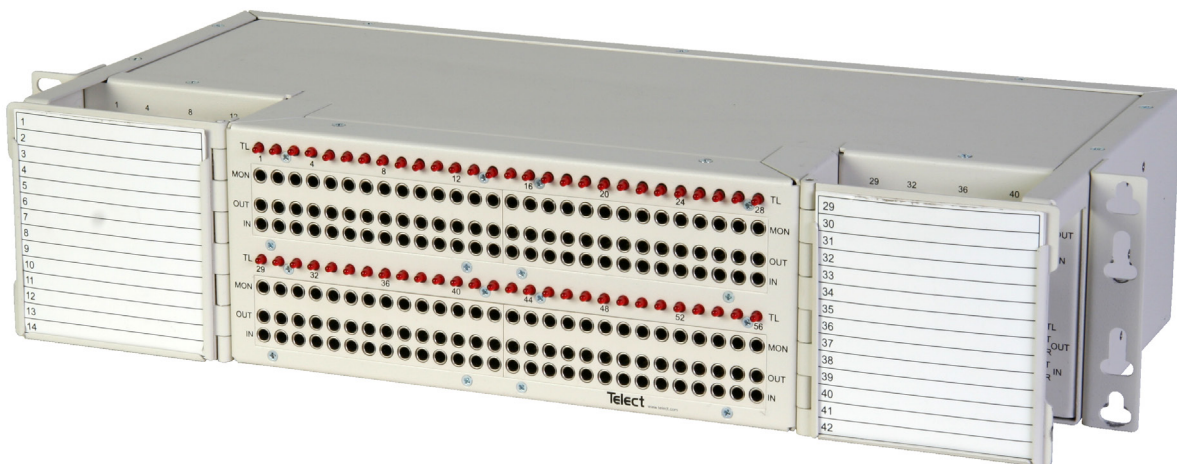
- High-density central office connectivity — bay lineups
- Low circuit count remote applications — individual panels
- Wireless or traditional wireline networks

Primary Benefits

- 4-inch height provides 43% increase in DS1 circuit density over 7-inch-high products
- Industry-standard design enables the use of all legacy Bantam patch cords, including Telect Blue Nickel brand
- EIA and WECO rack mounting
- 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



010-0184-1010 Front View



010-0156-0010 Front View

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Overview

Description	Part Number
56-Termination Panels	
Front cross-connect, wire-wrap, 19"	010-0156-0000
Front cross-connect, connectorized, 19"	010-0156-0010
Rear cross-connect, wire-wrap, 19"	010-2156-0103
64-Termination Panels	
Front cross-connect, wire-wrap, 23"	010-0164-1000
Front cross-connect, connectorized, 23"	010-0164-1010
Rear cross-connect, wire-wrap, 19"	010-2164-0000
Rear cross-connect, connectorized, 19"	010-2164-0010
84-Termination Panels	
Front cross-connect, wire-wrap, 23"	010-0184-1000
Front cross-connect, connectorized, 23"	010-0184-1010
Rear cross-connect, wire-wrap, 19"	010-2184-0001
Rear cross-connect, connectorized, 19"	010-2184-0010

84-term. panels feature 1-84 designation and include 1-28 ABC kit.

Panel Dimensions

19" panels	9" W x 4" H x 12" D (483 mm x 102 mm x 254 mm)
23" panels	23" W x 4" H x 12" D (584 mm x 102 mm x 254 mm)

19" panels can also be mounted in 23" racks.

Panel Weight

56-termination panels	23 lbs. (10.4 kg)
64-termination panels	24 lbs. (11.3 kg)
84-termination panels	25 lbs. (10.9 kg)



Rear View, Connectorized Panel

DSX Jack Specifications

Test Method

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

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