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Find the *Telect 010-3201-0401* at our website: *Click HERE*

Low-Profile Modular DSX-3 System

Up to 32 Terminations, DSX + Active Functionality

Overview

Build versatility, efficiency and reliability into your network with the Broadband Connectivity System II (BCS II), the unique low-profile modular solution for DS3 connectivity.

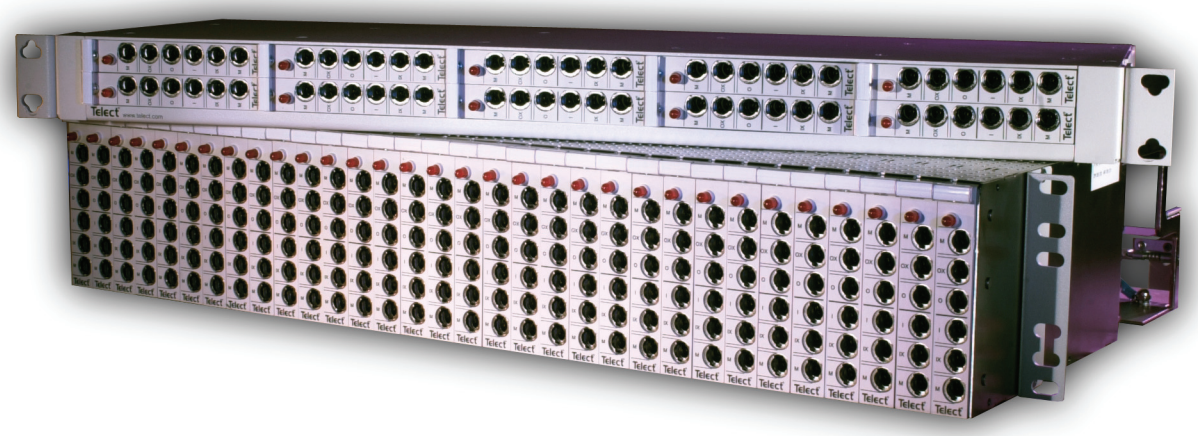
The cost-effective and dynamic BCS II offers the optimum blend of high density (up to 32 T3/E3s in 23 x 4-inch chassis), cable management and advanced functionality. Module choices include a broad range of DSX-3 configurations, along with active repeater and optical transport units.

Applications

- High-density central office bays
- Compact horizontal chassis for remote sites
- Point-to-point DS3 extension (optical transport modules)
- Enterprise networks

Primary Benefits

- Traditional DSX-3 connectivity and versatile active functionality (repeaters, optical transport) in a single space-saving chassis
- 1 RU horizontal chassis provides up to 10 terminations in just 1.75 inches for ultra-high density
- PCB technology makes the BCS II a more reliable connectivity solution than traditional coax systems, while significantly decreasing overall weight
- Pre-wireable backplane enables rapid expansion and deployment
- Industry's most robust range of chassis options and dynamic modules that include: the 6-port DSX-3, and Vector DS3 media converter and transport
- Chassis options include 19-inch and 23-inch, 1.75-inch and 4-inch heights
- All Telect DSX-3 products are backed by Telect's DSX lifetime warranty



Top: Loaded 10-termination/23-inch/1RU horizontal chassis; Bottom: Loaded 32-termination/23-inch traditional chassis. Each is populated with 6-port DSX-3 modules with mini-WECO jacks.

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Low-Profile Modular DSX-3 System

Up to 32 Terminations, DSX + Active Functionality

Ordering Information

Description	Part Number
Chassis	
19"/24-termination	010-0000-2401BCS
23"/24-termination	010-0000-1401BCS
23"/32-termination	010-0000-3201BCS
19"/8-termination horizontal 1 RU	010-0000-0471BCS
23"/10-termination horizontal 1 RU	010-0000-1471BCS
DSX-3 Modules	
6-port mini-WECO	010-3201-0410
4-port mini-WECO	010-3201-0401
3-port mini-WECO	010-3201-0407
Active Modules	
Simplex repeater	710-3201-0002
Duplex repeater	710-3201-0005
DS3 Extension, single mode SC	710-3201-2002-U
DS3 Extension, single mode ST	710-3201-2001-U
DS3 Extension, multimode SC	710-3201-1002-U
DS3 Extension, multimode ST	710-3201-1001-U
Loaded Panels — Modules Included	
23"/24-term. panel, 6-port modules	010-3224-0001
23"/32-term. panel, 6-port modules	010-3232-0001
Interconnect System	
23"/32-position chassis	010-0000-1402BCS
6-port interconnect module, mini-WECO	010-3201-0402
Loaded 19"/24-term. panel	010-3224-0402
Accessories	
BNC patch cord removal tool	907197
Mini-WECO terminating plug	100293
Standard WECO looping plug	096032
Pin plug	102147
Mini-WECO circuit guard	PLG-MW-BLK
Standard WECO circuit guard	PLG-SW-BLK
32-position designation holders	999-3200-0008

Chassis Dimensions

19" traditional	19" W x 4" H x 12" D
23" traditional	23" W x 4" H x 12" D
19" horizontal	19" W x 1.75" H x 8" D
23" horizontal	23" W x 1.75" H x 12" D

DSX-3 Jack Specifications

Electrical	
Insertion loss	< 0.30 dB at DS3 signal rates for assemblies that do not include a monitor network < 1.00 dB at DS3 signal rates for assemblies that include a single monitor network
Crosstalk	≤ -60 dB
Return loss	< -26 dB at DS3, STS-1 and E3 rates
Monitor level	21 dB +/-1.5 dB below signal level
Contact resistance	< 0.01 ohms
Characteristic impedance	75 ohms
Mechanical	
Insertion force	10 lbs. (4.6 kg) maximum
Withdrawal force	7 lbs. (3.2 kg) maximum
Life	Min. 10,000 insertion/withdrawal cycles
Environmental	
Thermal limits	-67 to 185°F (-55 to 85° C) operating and non-operating
Thermal shock	Per MIL-STD-202, method 107D
Humidity	0 to 95% operating and non-operating

Telect provides a complete range of DS3 patch cords/jumpers and cable assemblies. See Telect.com for details and ordering information.

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