1 RU Multifunction Connectivity System

Copper :: DSX-1, DSX-3, Fiber Optic Patch/Splice and Ethernet Module Options

Overview

As customer demand continues to push capabilities to the edge of wireless and wireline networks, service providers face the challenge of deploying efficient connectivity outward from the central office. That's where Telect's 1 RU multifunction panel fits.

Designed to function in edge locations such as cell towers and remote sites, the system increases network efficiency by providing a flexible platform for T1, T3, Ethernet and fiber optic management, all in just 1.75" of vertical space.

The Challenge

Because these environments typically offer limited space for hardware, effective circuit access and monitoring can be a bit of an ordeal. With Telect's 1 RU panel, you gain up to 24 DSX-1, six DSX-3, 48 Ethernet (RJ45) or 48 fiber optic terminations in just 1 RU, with modules that enable additional flexibility for T1 interconnect and analog connectivity in the same chassis.

Choose from a comprehensive line of modules to build the ideal space-saving connectivity platform for your application.

Applications

- Wireless base stations
- Demarcation points
- Remote huts
- Central office
- Premise

ELF Chassis

Primary Benefits

- Modular design manages CAPX costs
- Total front access configurations simplify usage
- Designed to ITU G.703 standards
- Chassis and modules provide built-in wire management
- Comprehensive module options
- Front cross-connect
- Total front access
- DSX-1
- T1 Interconnect
- DSX-3
- Ethernet RJ45
- Optical patch, splice and splitter
- Chassis options fit various applications
- High-density three-module rack-mount
- One-module wall-mount

1 Rack Unit – 3 Module Choices – Configure it the Way You Need It

1 RU–Fits 19" and 23" Racks

- DSX-1 Modules
- DSX-3 Modules
- Optical patch modules
- Optical splice modules
- Ethernet modules
- Interconnect (DNI) modules
- 48-pin wire-warp pass-through module
- Cat 6 station modules
- Blank covers for future capacity
- See Telect.com for patch cords, accessories and more information.

ELF-0000-0900
Wall-mount bracket for 3-module chassis

ELF-0000-0600
Single module wall-mount chassis

ELF-0000-2400
3-module chassis

ELF-0000-0800
Wall-mount fiber module chassis

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Telect Part Number	Height (in.)	Width (in.)	Depth (in.)	Weight (lbs.)	Terminations/ Capacity	Connectivity Type/ Circuit Access
Chassis						
ELF-0000-2400 (rack-mount)	1.75	29	5	5	3 modules	
ELF-0000-0600 (wall-mount)	1.75	6	4	2	1 module	
ELF-0000-0800 (wall-mount)	2.3	9.3	6.1	2	1 module (fiber optic)	
ELF-0000-0900 (wall-mount bracket)	2	19	8	4	1 chassis (ELF-2400-0000)	
ELF-0000-0001 (spacer plate)	1.75	19	N/A	2	N/A	
T1 DSX Modules						
ELF-1008-1200	1.64	6	5.5	2.5	8 terminations	BNC/wire-wrap Front X-connect
ELF-1008-1800	1.64	6	5.5	2	8 terminations	Wire-wrap/wire-wrap Front X-connect
ELF-1008-1100	1.64	6	5.5	2	8 terminations	Wire-wrap/wire-wrap Front X-connect
ELF-3006-1100	1.62	6	4.25	2	6 terminations	Wire-wrap/wire-wrap Total front access
ELF-3006-1800	1.63	6	3.75	2	6 terminations	RJ/RJ Total front access
ELF-0005-0001	1.63	6	3.75	2	6 terminations	Wire-wrap Total front access
T3 DSX Modules						
ELF-3206-1200	1.63	6	5	2	2 terminations	BNC/BNC Rear X-connect
ELF-3206-1900	1.63	6	5	2	1 termination	BNC/BNC Total front access
Ethernet Modules						
ELF-9716-1700	1.63	5.86	7.13	1.5	16 terminations	IDC NE1 – rear RJ NE2 – front
ELF-9716-1900	1.63	5.86	5	2	16 terminations	RJ NE1 – rear RJ NE2 – front
ELF-9716-2300	1.63	5.86	3.56	1.5	8 terminations	IDC NE1 – rear RJ NE2 – front
Interconnect Modules						
ELF-9704-1119	1.65	5.25	5.25	2	4 terminations	Wire-wrap NE1 – rear RJ NE2 – front
ELF-3004-1800	1.63	6	3.75	2	4 terminations	RJ NE1 – rear RJ NE2 – front
Fiber Optic Modules						
ELF-PC12-SC00	1.65	5.25	7.13	2	12 fibers	SC/UPC patch Total front access
ELF-SP12-SCPT	1.65	5.91	7.97	2	12 fibers	SC/UPC patch + splice Total front access
ELF-PC12-FC00	1.65	5.25	7.13	2	12 fibers	FC/UPC patch Total front access
ELF-SP12-FCPT	1.65	5.25	7.13	2	12 fibers	FC/UPC patch + splice Total front access
ELF-PC12-SA00	1.65	5.25	7.13	2	12 fibers	SC/APC patch Total front access
ELF-SP12-SAPT	1.65	5.25	7.13	2	12 fibers	SC/APC patch + splice Total front access

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T1 Modules	
Front	Rear

ELF-1008-1200

ELF-1008-1800

ELF-1008-1100

ELF-3006-1100

ELF-3006-1800

ELF-0005-0001

Interconnect Modules

Front	Rear

ELF-9704-1119

ELF-3004-1800

T3 Modules	
Front	Rear

ELF-3206-1200

ELF-3206-1900

Ethernet Patch Modules

Front	Rear

ELF-9716-1700

ELF-9716-1900

ELF-9716-2300

Fiber Optic Modules

Front	Back

ELF-PC12-SC00

ELF-SP12-SCPT

ELF-PC12-FC00

ELF-SP12-FCPT

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