

DEV 7113

INTELLIGENT OPTRIBUTION CHASSIS

The DEV 7113 is a 3 RU chassis providing 20 slots for various optical modules including CWDM, DWDM, EDFA, and other analog RF over Fiber modules of the Optribution series. With the integrated controller all functionalities are accessible via the intuitive DEV Web Interface or via SNMP protocol.

The DEV 7113 can be configured for 1+1 redundancy or N+1 redundancy operation. Configuration versatility and high module density (up to 40 RF over Fiber channels in a single chassis) realize the most flexible and powerful Intelligent Optribution Chassis.



FEATURES

- Versatile 3 RU Chassis for up to 20 Optical Modules
- 50 Ohm, SMA (f) or 75 Ohm, F (f) or 75 Ohm, BNC (f)
- 1+1 Redundancy Options for CATV-Band or for L-Band
- Automatic Switch Back Option for 1+1 Redundancies
- N+1 Redundancy Options for CATV-Band or for L-Band
- RGC (Redundancy path Gain Compensation) for n+1 Redundancy
- CWDM for 4, 8, and 9 Channels
- DWDM for up to 48 Channels, max. 16 Channels per Chassis
- Optical Ethernet Options
- SNMP Support
- DEV Web Interface
- Signal Recording and Data Backup Feature
- Power Supply Redundancy

SPECIFICATIONS

CAPACITY	VALUE	CONDITION
Front Side	20 Slots (max. 20 Optical Channels with Single Link Modules, max. 40 Optical Channels with Twin Modules)	
REMOTE COMMUNICATION		
Interface (Connector)	Ethernet (RJ-45)	
Remote Control & Surveillance	via Web Interface and via SNMP	
REDUNDANT POWER SUPPLY		
Supply Voltage	100...240 V AC supplied by two different Lines	
Power Consumption	<600 VA	
GENERAL SPECIFICATIONS		
Size	19" (483 mm) Width, 3 RU (133 mm) Height, ~470 mm + max. 80 mm (Optical Connectors) Depth	
Weight	~9 kg	empty Chassis
Environmental Conditions	ETS 300019 Part 1-3 Class 3.1E	

ORDER INFORMATION

OPTRIBUTION® CHASSIS	
DEV 7113	Intelligent Optribution® Chassis; 20 Slots
Option 22	Main Backup Swap
Option 28	Automatic Switch Back
Option 34	Chassis prepared for DWDM Modules, 16 Slots
Option 55	Change Ethernet to optical Ethernet Interface; 30 km
Option 56	Change Ethernet to optical Ethernet Interface; 1530 nm; 100 km
Option 57	Change Ethernet to optical Ethernet Interface; 1550 nm; 100 km
Option 58	Additional Ethernet Port with integrated Switch Functionality; only in Conjunction with Option 55, 56 or 57
Option 78	Additional Web License 3-4 RU
CABLING OPTIONS	
Option 40	Cabling for 4 Slots; DC...3000 MHz; 50 Ohm, SMA (f)
Option 40 Twin	Cabling for 4 Slots for Twin Modules; DC...3000 MHz; 50 Ohm, SMA (f)
Option 41	Cabling for 4 Slots; 10...1006 MHz; 75 Ohm, F (f)
Option 42	Cabling for 4 Slots; DC, 700...2500 MHz; 75 Ohm, F (f)
Option 42 Twin	Cabling for 4 Slots for Twin Modules; DC, 700...2500 MHz; 75 Ohm, F (f)
Option 43	Cabling for 4 Slots; DC, 700...2500 MHz; 75 Ohm, BNC (f)
Option 43 Twin	Cabling for 4 Slots for Twin Modules; DC, 700...2500 MHz; 75 Ohm, BNC (f)
1+1 REDUNDANCY OPTIONS	
Option 44/75/Rx	1+1 Rx Redundancy Kit; 10, 47...1006 MHz; 75 Ohm, F (f)
Option 44/75/Tx	1+1 Tx Redundancy Kit; 10, 47...1006 MHz; 75 Ohm, F (f)
Option 45/50/Rx	1+1 Rx Redundancy Kit; 950...2150 MHz; 50 Ohm, SMA (f)
Option 45/50/Tx	1+1 Tx Redundancy Kit; DC, 950...2150 MHz; 50 Ohm, SMA (f)
Option 45/75/Rx	1+1 Rx Redundancy Kit; 950...2150 MHz; 75 Ohm, F (f)
Option 45/75/Tx	1+1 Tx Redundancy Kit; DC, 950...2150 MHz; 75 Ohm, F (f)
N+1 REDUNDANCY OPTIONS	
Please specify n = 4, 8, 12, or 16	
Option 46/75/n+1	n+1 Redundancy Kit; 47...1006 MHz; 75 Ohm, F (f)
Option 47/50/n+1	n+1 Redundancy Kit; DC, 950...2150 MHz; 50 Ohm, SMA (f)
Option 47/75/n+1	n+1 Redundancy Kit; DC, 950...2150 MHz; 75 Ohm, F (f)