

DEV 7114

INTELLIGENT OPTRIBUTION CHASSIS

The DEV 7114 is a 4 RU chassis providing 16 slots for RF over Fiber modules of the Optribution series plus integrated RF distribution. With the integrated controller all functionalities are accessible via the intuitive DEV Web Interface or via SNMP protocol.

The DEV 7114 can be configured for 1+1 redundancy or N+1 redundancy operation. Configuration versatility and flexible RF signal distribution forms the migration path for highest integration of RF and optical functionalities within a single chassis.



FEATURES

- Versatile 4 RU Chassis for up to 16 Optical Modules
- 50 Ohm, SMA (f) or 75 Ohm, F (f)
- Distribution Options
- IRD Controlled Switch Options
- 1+1 Redundancy Options
- Automatic Switch Back Option for 1+1 Redundancy Options
- N+1 Redundancy Options
- RGC (Redundancy Path Gain Compensation)
- for N+1 Redundancy Options
- CWDM for 4, 8, and 9 Channels
- Optical Ethernet Options
- SNMP Support
- DEV Web Interface
- Signal Recording and Data Backup Feature
- Power Line and Power Supply Redundancy

SPECIFICATIONS

CAPACITY	VALUE	CONDITION
Front Side	16 Slots for Optical Modules	
Rear Side	4 horizontal Slots with up to 32 RF Ports, each	
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	<100 VA (with 2 Power Supply Modules installed)	
GENERAL SPECIFICATIONS		
Size	19" (483 mm) Width, 4 RU (178 mm) Height, ~470 mm + max. 80 mm (Optical Connectors) Depth	
Weight	~10 kg	empty Chassis
Environmental Conditions	ETS 300019 Part 1-3 Class 3.1	

ORDER INFORMATION

OPTRIBUTION CHASSIS	
DEV 7114	Intelligent Optribution® Distribution Chassis 4 RU
Option 16	Additional Power Module 16 V, 50 W horizontal Use for 4 RU Chassis
Option 28	Automatic Switch Back
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 78	Additional Web License 3-4 RU
IRD CONTROLLED SWITCH OPTIONS	
Option 4x16/75	4x16 IRD Controlled Switch; 950...2150 MHz; 75 Ohm, F (f)
Option 4x32/75	4x32 IRD Controlled Switch; 950...2150 MHz; 75 Ohm, F (f)
Option 4x48/75	4x48 IRD Controlled Switch; 950...2150 MHz; 75 Ohm, F (f)
Option 4x64/75	4x64 IRD Controlled Switch; 950...2150 MHz; 75 Ohm, F (f)
DISTRIBUTION OPTIONS	
Option 2*4/50	2*1:4 Distribution; 700...2300 MHz; 50 Ohm, SMA (f)
Option 2*4/75	2*1:4 Distribution; 700...2300 MHz; 75 Ohm, F (f)
Option 8/50	1:8 Distribution; 700...2300 MHz; 50 Ohm, SMA (f)
Option 8/75	1:8 Distribution; 700...2300 MHz; 75 Ohm, F (f)
Option 16/50	1:16 Distribution; 700...2300 MHz; 50 Ohm, SMA (f)
Option 16/75	1:16 Distribution; 700...2300 MHz; 75 Ohm, F (f)
Option 32/50	1:32 Distribution; 700...2300 MHz; 50 Ohm, SMA (f)
Option 32/75	1:32 Distribution; 700...2300 MHz; 75 Ohm, F (f)
Option 64/50	1:64 Distribution; 700...2300 MHz; 50 Ohm, SMA (f)
Option 64/75	1:64 Distribution; 700...2300 MHz; 75 Ohm, F (f)
Option 128/50	1:128 Distribution; 700...2300 MHz; 50 Ohm, SMA (f)
Option 128/75	1:128 Distribution; 700...2300 MHz; 75 Ohm, F (f)
IRD CONTROLLED SWITCH OPTION EXTENSIONS	
Please specify for which polarization/band the additional splitter is to be applied.	
Option plus8/50	1:8 Additional Splitter; 50 Ohm, SMA (f); for IRD Controlled Switch only
Option plus8/75	1:8 Additional Splitter; 75 Ohm, F (f); for IRD Controlled Switch only
Option plus16/50	1:16 Additional Splitter; 50 Ohm, SMA (f); for IRD Controlled Switch only
Option plus16/75	1:16 Additional Splitter; 75 Ohm, F (f); for IRD Controlled Switch only
1+1 REDUNDANCY OPTIONS	
Option 45/Rx	1+1 Rx Redundancy Kit; 950...2150 MHz
N+1 REDUNDANCY OPTIONS	
Option 47/Rx/4+1	4+1 Redundancy Kit; 950...2150 MHz
Option 47/Rx/8+1	8+1 Redundancy Kit; 950...2150 MHz