



LR 43 AS



Packaging data

Sales unit	1 pcs.
Shipping unit	1 pcs.
Packaging volume shipping package	dm ³
Gross Weight shipping unit	kg
EAN	4010056704865
Article number	70486
Customs tariff number	85176100

Technical data

Downstream	
Optical input level for controlled output level	-5...+3 dBm
Wave length	1290...1600 nm
Frequency range DS	47...1006 MHz Depending on duplexers
Frequency response (O-E) 47...862 MHz	≤ ±0,75 dB
Frequency response (O-E) 862...1006 MHz	≤ ±1,00 dB
Inputs	2 pcs.
Input measurement socket	dB (optical)
Noise current density	<5 pA/√Hz
Equalizer DS	0...15 dB (0,1 dB-steps)
Output level 1	89...104 dBμV (output 1, 0,1 dB-steps)
Output level 2	99...114 dBμV (output 2/3, 0,1 dB-steps)
Output test jack	-20 dB
Output return loss	≥20 dB
Intermodulation ratio for output 1/ CSO, CTB	102 dB
Intermodulation ratio for output 2 / CSO, CTB	114 dBμV
intermodulation ratio for output 3 / CSO, CTB	114 dBμV
Return path	
Optical output power	3 dBm
Wave length US	1310...1610 nm (Depending on used US-transmitter module)
Frequency range US	10...(30) 65 MHz
Frequency response US	±0,5 dB
Relative Intensity Noise 1	< -145 dBV/Hz (with LT 40)
Relative Intensity Noise 2	< -145 dBm/Hz (with LT 41 oder LT 45)
ICS, US	0 / 8 / >45 dB
Nominal input level	75 dBμV
OMI setting range	3...10 %
Return channel test point Input	-20 dB (±0,5)
Connectors	
PG11	4 pcs.
SC/APC socket	2 pcs. (fiber: single mode 9/125 μm)
General data	
Optical return loss	>40 dB
Humm modulation	≥70 dB (at 8A)
Operating voltage AC	180...265 V
Power consumption	<45 W (typ. incl. US-transmitter module), 53 W (max.)
Remote power	<8 A
EMC	EN 50083-2
Dimensions (width x height x depth)	288x155x302 mm
Operating temperature range	-20...+55 °C
Protection class	IP66
Lightning protection	2(6) kV

Title

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Short description

Redundant optical node, local feed

Description

Redundant optical node, local feed

Redundant configurable Node with three active outputs

Level and Slope adjustment separately for each output

Pluggable optical transmitter and receiver modules

All settings with handset OH 41 or NMS with HMS-transponder

Electronic RP configuration fro redundancy and cluster splitting



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One ICS-switch for every input

Electronic upstream configuration

Integrated fibre management

Automated level setting control (ALSC) via optical input power or pilot controlled VX 58