



LR 55 AS



Packaging data

Sales unit	1 pcs.
Shipping unit	1 pcs.
Packaging volume shipping package	dm ³
Gross Weight shipping unit	kg
EAN	4010056705350
Article number	70535
Customs tariff number	85287119

Technical data

Downstream	
Optical input level for controlled output level	-7...+3 dBm
Wave length	1290...1610 nm
Frequency range DS	47/85...1006 MHz
Inputs	1 pcs.
Input measurement socket	dB (optical)
Noise current density	≤5 pA/√Hz
Loss DS	0...15 dB
Equalizer DS	0...15 dB
Output level ALC	112 dBμV (ALC on, OMI 5 %)
Output test jack	-20 dB
Intermodulation ratio for output 1/ CSO, CTB	110 dB (flat / >60 dB)
Intermodulation ratio for output 2 / CSO, CTB	113 dBμV (9 dB slope / >60 dB)
Return path	
Optical output power	3 dBm
Wave length US	1310...1610 nm
Frequency range US	10...(30)65 MHz
Relative Intensity Noise 1	< -135 dBV/Hz (with LT 40)
Relative Intensity Noise 2	< -145 dBm/Hz (with LT 41 oder LT 45)
ICS, US	0 7 8 / >45 dB
Nominal input level	75 dBμV
Input return loss	≥18 dB
Connectors	
PG11	2 pcs.
SC/APC socket	1 pcs. (fiber: single mode 9/125 μm)
General data	
Optical return loss	>40 dB
Operating voltage AC	27...65 V
Power consumption	25 W (17 W only RX)
Remote power	<8 A
EMC	EN 50083-2
Dimensions (width x height x depth)	257x215x100,3 mm
Operating temperature range	-20...+55 °C
Storage temperature	-25...+75 °C
Protection class	IP66
Lightning protection	2(6) kV

Title

LR 55 AS

Short description

Optical node, remote feed

Description

Optical node, remote feed

Optical receiver / transmitter

Integrated splice box

Return path transmitter, diplexer, splitter pluggable

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

Interface VT 51 for NMS-functions

Optical ALC