LR 83 A 1611

Packaging data

Sales unit	1 pcs.
Packaging volume shipping package	1.5 dm³
Gross Weight shipping unit	0.66 kg
EAN	4010056725877
Article number	72587
Customs tariff number	

Technical data

Downstream	
Optical input level for uncontrolled output level	+3...-6 dBm
Wave length	1540...1560 nm
Frequency range DS	85...1006 MHz
Frequency response (O-E) 47...862 MHz	≤ ±1 dB
Frequency response (O-E) 862...1006 MHz	≤ ±1 dB
Inputs	1 pcs.
Noise current density	4 pA/√Hz (typ.)
Output level 1	80 dBµV (flat)
Output level 2	96 dBµV (4 dB-slope)
Output return loss	≥16 dB
Intermodulation ratio for output 1/ CSO, CTB	dB ≥16 dBc, ≥65 dBc (measured @ 3,3 % OMI. -6 dBm @ opt Receiver channel load 36 analog and 60 QAM256 channels)
Return path	
Optical output power	3 dBm
Wave length US	1610 nm (DFB-Laser)
Frequency range US	5...65 MHz
Frequency response US	≤ ±1 dB
Loss US input	0...30 dB (2 dB-steps)
Nominal input level	70...100 dBµV
Input return loss	≥18 dB
Return channel test point Input	dB 70 dBµV @ 15 % OMI
Connectors	
SC/APC socket	1 pcs.
F-socket	2 pcs.
General data	
Optical return loss	>40 dB
Operating voltage AC	230 V (50/60 Hz)
Power consumption	≤6 W
Dimensions (width x height x depth)	163x90x47 mm
Operating temperature range	-10...+50 °C

Title

LR 83 A 1611

Short description

Optical node RFoG

Description

Optical node RFoG

compact node for RFoG-systems

according to SCTE ISP SP 910

Extremly low-noise receiver

Optical ALC

Optical input power +3 ... -6 dBm

Switching power supply

DFB-laser module for US

US-measuring output