



Features and Benefits

- » Optical amplifier for use in WISI Chassis LX50
- » 1x21dBm output SCAPC with adjustable power
- » Amplification of optical signals in the C-band
- » Optical test port for the output signal
- » Wide input power range enables application as a booster or in-line amplifier.
- » Low electrical power consumption

20MM-LX30S2101 Specifications

Amplifier inputs	1 pcs.
Optical input power	-2...+10 dBm
Amplifier outputs	1 pcs.
Optical output power	1x 21,0 dBm
Output level tolerance	±0,5 dB (Variation of output power over polarization, wavelength range and temperature range)
Output level variation	±0,5 dB
Wavelength	1530...1565 nm
Setting range amplifier	5 dB (0,1 dB-steps)
Noise figure	≤5,5 dB (at 0 dBm input power, nominal output power and signal wavelength 1550 nm)
Return loss	≥45 dB (input - output)
Isolation	≥40 dB (output - input)
Optical test point output	-2.5 dB (in relation to EDFA-output power)
Connectors	
SC/APC connectors	1 pcs.
General data	
Power consumption	max. 22 W
Dimensions (WxHxD)	30 x 133 x 320 mm
Environmental parameters	-5...+45°C (ETSI EN 300 019-1-3 Class 3.1)

