

1xN LGX Box PLC Splitters



Planar Lightwave Circuit (PLC) Splitter is an important passive optical components in dividing power, is widely used in FTTx systems, MAN, WAN, CATV, especially in EPON / GPON systems and other passive optical devices. It has small size, high reliability, wide operating wavelength range. They have 1*N and 2*N styles can be choose.

Feature

- Wide working wavelength
- Low insertion loss
- Low PDL
- High reliability and stability
- Good spectral uniformity

Application

- Communication system
- EPON/GPON
- FTTH/FTTX
- LAN
- CATV
- Optical testing equipment

Specification

Specifications	Parameters					
Operating Wavelength(nm)	1260-1650					
Fiber Type	G652D,G657A1					
Connector Type	FC,ST,SC,LC					
Type	1x2	1x4	1x8	1x16	1x32	1x64
Insertion Loss(dB)	≤4.3	≤7.4	≤10.7	≤13.9	≤17.2	≤21.5
Uniformity(dB)	≤0.5	≤0.8	≤1.0	≤1.4	≤1.6	≤2.0
PDL(dB)	≤0.2	≤0.3	≤0.3	≤0.3	≤0.3	≤0.5
Return Loss(dB)	UPC≥50, APC≥55					
Directivity(dB)	≥50					
Operating Temperature(°C)	-40~+85					



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