

PLC Splitter Insert Type

DESCRIPTION

PLC splitter is a type of optical power management device. It is widely used in PON networks to realize optical signal power splitting. We provide whole series of 1xN and 2xN splitter products that are tailored for specific applications.

FEATURES

- High Stability and Reliability
- Low Insertion Loss and PDL
- Connector type according to customer, SC/UPC, SC/APC, FC/UPC, FC/APC etc..
- GR-1209&GR-1221 Compliant
- In line with IEC 61753-2-3

APPLICATIONS

- CATV, LAN, WAN network
- Active devices
- Optical fiber communication system
- Telecommunication network
- EPON/GPON



SPECIFICATIONS

Parameter		Value			
Ratio	Unit	1x4	1x8	1x16	1x32
Fiber Type	um	G657A1 or Customer specified			
Operating Wavelength	nm	1260-1650			
Insertion Loss(PDL included)	dB	≤8.0	≤11.1	≤14.1	≤17.4
Uniformity	dB	1.2	1.5	1.7	2
PDL	dB	0.3	0.3	0.3	0.3
Return Loss	dB	≥50(for UPC); ≥50(for APC)			
Directivity	dB	≥55			
ABS Package Size	mm	130x100x25	130x100x50	130x100x102 or 265x100x50	
Operation Temperature	°C	-40~85			

ORDERING INFORMATION

Description	Reference
Insert Type 1x4 PLC Splitter	M22NNNNNN000
Insert Type 1x8 PLC Splitter	M32NNNNNN000
Insert Type 1x16 PLC Splitter	M42NNNNNN000
Insert Type 1x32 PLC Splitter	M52NNNNNN000