

Rack PLC Fiber Optic Splitter



Descriptions

19" Standard rack PLC Splitter is a key component in FTTH and is responsible to distribute the signal from CO to numbers of premises. The highly stable splitter performs superbly across temperature and wavelength providing low insertion loss, low input polarization sensitivity, excellent uniformity, and low return loss in configuration of 1X4, 1X8, 1X16, 1X32 and 1x64 port.

Features

- Good uniformity and low insertion loss
- Low Polarization Dependent Loss
- Excellent Environmental Stability
- Excellent Mechanical
- Stability Telecordia GR-1221 and GR-1209
- Components through TLC-Certified, Conform to YD1117-2001

Specifications of 1XN PLC splitters

Parameters		1X2	1X4	1X8	1X16	1X32	1X64
Fiber type		SMF-28e or customer specified					
Operating Wavelength		1260-1650					
Insertion loss(dB)	Max(P/A)	3.8/4.0	7.2/7.4	10.5/10.7	13.5/13.7	16.5/16.9	21
Loss Uniformity(dB)	Max	0.6	0.6	0.8	1.2	1.7	2.5
Return loss(dB)	Min(P/A)	55/50	55/50	55/50	55/50	55/50	50
PDL(dB)	Max	0.2	0.2	0.3	0.3	0.3	0.4
Directivity(dB)	Min	55	55	55	55	55	55
Wavelength Dependent loss(dB)	Max	0.5	0.5	0.5	0.8	0.8	0.8
Temperature Stability(-40~85 °C) (dB)	Max	0.5	0.5	0.5	0.8	0.8	1
Operating Temperature (°C)		-40 to 85					

Specifications of 2XN PLC splitters

Parameters		2X2	2X4	2X8	2X16	2X32	2X64
Fiber type		SMF-28e or customer specified					
Operating Wavelength		1260-1650					
Insertion loss(dB)	Max(P/A)	4	7.8	11.2	14.6	17.5	22
Loss Uniformity(dB)	Max	0.6	0.6	0.8	1.2	1.7	2.5
Return loss(dB)	Min(P/A)	50	50	50	50	50	50
PDL(dB)	Max	0.2	0.2	0.3	0.3	0.3	0.4
Directivity(dB)	Min	55	55	55	55	55	55
Wavelength Dependent loss(dB)	Max	0.6	0.6	0.6	0.8	1	1
Temperature Stability(-40~85 °C) (dB)	Max	0.6	0.6	0.6	0.8	1	1
Operating Temperature (°C)		-40 to 85					