Rack mount PLC Fiber Optic Splitter





Descriptions:

19"Standard Rack PLC Splitter is a key component in FTTx and is responsible to distribute the signal from CO to numbers of premises.Low requirements on placement and environment,can be placed directly in the ODF frame or optical fiber distribution box.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.

Features:

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

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 ℃) (dB)	Max	0.6	0.6	0.6	0.8	1	1
Operating Temperature (℃)		-40 to 85					

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 ℃) (dB)	Max	0.5	0.5	0.5	0.8	0.8	1
Operating Temperature (℃)		-40 to 85					