

Bare Fiber PLC Splitter



Bare Fiber PLC Splitter Descriptions

Bare fiber PLC splitters from Huihong Technologies feature the excellent performance and good price. Standard PLC bare fiber splitter are with equal slitting ratio in 1XN and 2XN structure, 1X2,1x4, 1x8, 1x16, 1x32 and 1x64 PLC Splitters, 2x4, 2x8, 2x16, 2x32 bare fiber PLC splitters. We can supply the PLC splitters with pre-terminated connectors and we also have the un-terminated PLC splitters. PLC splitter is a high quality passive device. It is especially for passive internet (EPON, BPON, and GPON). The different package can follow clients' different inquiry. Types available include 1XN and 2XN.

Bare Fiber PLC Splitter Features

- Low insertion loss
- Low excess loss
- Low PDL
- High directivity
- Long haul reliability
- Customer defined specifications

Specifications of 1XN PLC splitters

Parameters		1X2	1X4	1X8	1X16	1X32	1X64
Fiber type		SMF-28e or customer specified					
Operating Wavelength		1260-1650nm					
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		1260-1650nm					
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					