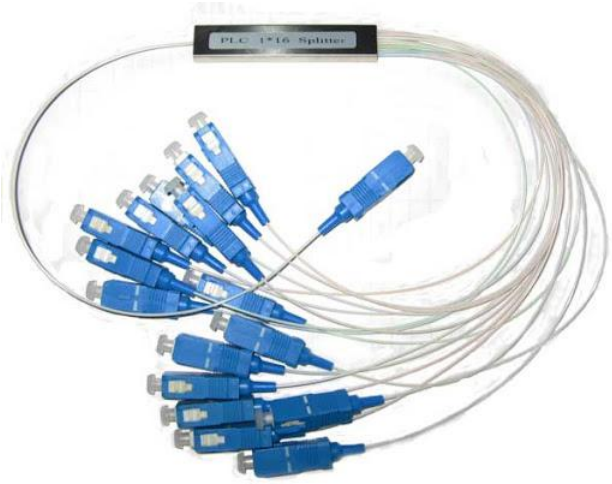
Mini Steel tube PLC splitter



Mini Steel tube PLC Splitter ---Blockless PLC Fiber Optic Splitter Descriptions:

Mini steel tube PLC fiber splitters are different types,
1x4 1x8,1x16,1x32,1x64,2x4,2x8,2x16,2x32

The splitter connectors can be FC ,SC,LC etc.Mini steel tube PLC fiber splitter are with the compact stainless tube package,they are the important products used in FTTx projects.

This 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

Features:
Low insertion loss
Low excess loss
Low PDL
High return loss
Working wavelength: from 1260nm to 1650nm
Good reliability

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					

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					