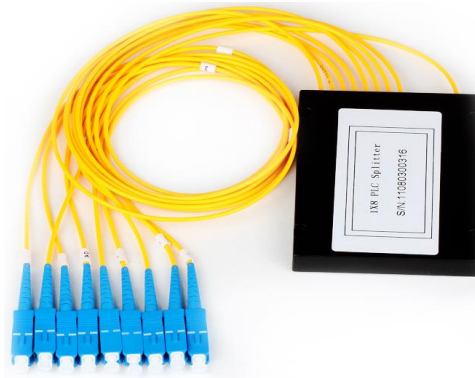


HYTT - Cassette Type PLC Splitter



Description:

HYTT provides a high precise cassette type PLC splitter for the construction of optical network. Low requirements of placing position and environment, compact cassette type design, can easily be placed into optical fiber distribution box, optical fiber junction box or any kind of box, which can reserve some space.

It can be easily applied in FTTx construction, optical network construction, CATV networks and etc.

Features:

1. Compact design
2. Low insertion loss and low PDL
3. High reliability
4. High channel counts
5. Wide wavelength range
6. Large operating and temperature range
7. Customized packaging and configuration
8. Full Telcordia GR1209/1221 qualifications

Specification:

1×N (N>2) PLCS (With connector) Optical parameters

Parameters	1x2	1x4	1x8	1x16	1x32	1x64
Operation wavelength (nm)	1260~1650					
Insertion loss (dB) Max	4.1	7.4	10.5	13.8	17.1	20.4
Return loss (dB) Min	APC	55	55	55	55	55
	UPC	50	50	50	50	50
PDL (dB) Max	0.2	0.2	0.3	0.3	0.3	0.3
Directivity (dB) Min	55	55	55	55	55	55
WDL (dB)	0.4	0.4	0.4	0.5	0.5	0.5
Pigtail length (m)	1.2(±0.1) or customer specified					
Fiber type	SMF-28e with 2.0/3.0mm tight buffered fiber					
Operation temperature (°C)	-20~65					
Storage temperature (°C)	-40~85					
Dimension (LxWxH) (mm)	100x80x	100x80x	100x80x	120x80x	140x114	140x114
	10	10	10	18	x18	x18
2xN (N>2) PLCS (With connector) Optical parameters						
Parameters	2x2	2x4	2x8	2x16	2x32	2x64
Operation wavelength (nm)	1260~1650					
Insertion loss (dB) Max	4.4	7.7	10.8	14.1	17.4	20.7
Return loss (dB) Min	APC	55	55	55	55	55
	UPC	50	50	50	50	50
PDL (dB) Max	0.2	0.2	0.3	0.4	0.4	0.4
Directivity (dB) Min	55	55	55	55	55	55
WDL (dB)		0.4	0.4	0.5	0.5	0.5
Pigtail length (m)	1.2(±0.1) or customer specified					
Fiber type	SMF-28e with 2.0/3.0mm tight buffered fiber					
Operation temperature (°C)	-20~85					
Storage temperature (°C)	-40~85					

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Dimension (LxWxH) (mm)	100x70x	100x70x	100x70x	120x80x	140x114	140x114
	9	9	9	18	x18	x18