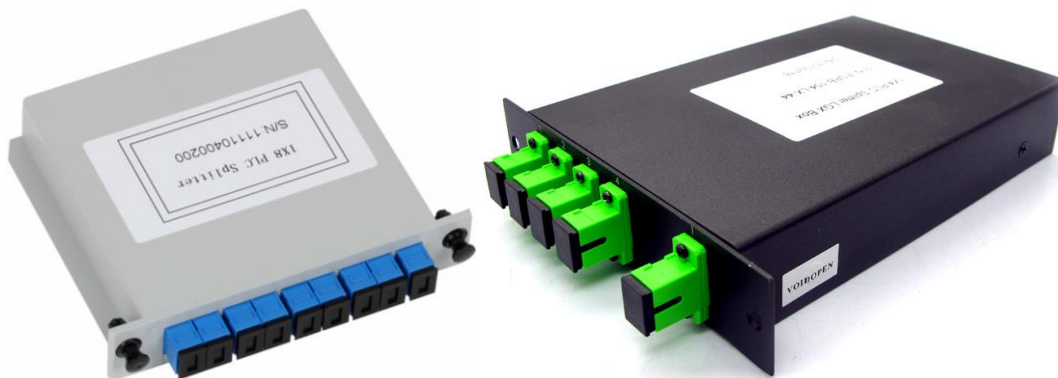


HYTT-IMLGX-PLC Insertion Module & LGX Box Type PLC Splitter



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.

HYTT provides a high precise insertion module & LGX Box PLC splitter for the construction of optical network. Low requirements of placing position and environment, compact insertion module & LGX box type design. It is small enough to place in indoor terminal box and ODF frame or optical fiber distribution box directly. PLC optical splitter offers uniform power splitting with low insertion loss, low PDL and high return loss. User can customize the optical splitting ratio for every output channel. The range of working wavelength is from 1260nm to 1650nm.

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:

1xN (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	7.7	11.0	14.0	17.2	21.3
Return loss (dB) Min	APC	55	55	55	55	55	55
	UPC	50	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)	Module	128x101x25			128x101x51	130x101x102	130x101x206
	LGX Box	158x130x29			158x130x58	158x130x87	158x130x174
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	8.1	11.5	14.5	17.8	21.8
Return loss (dB) Min	APC	55	55	55	55	55	55
	UPC	50	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					
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