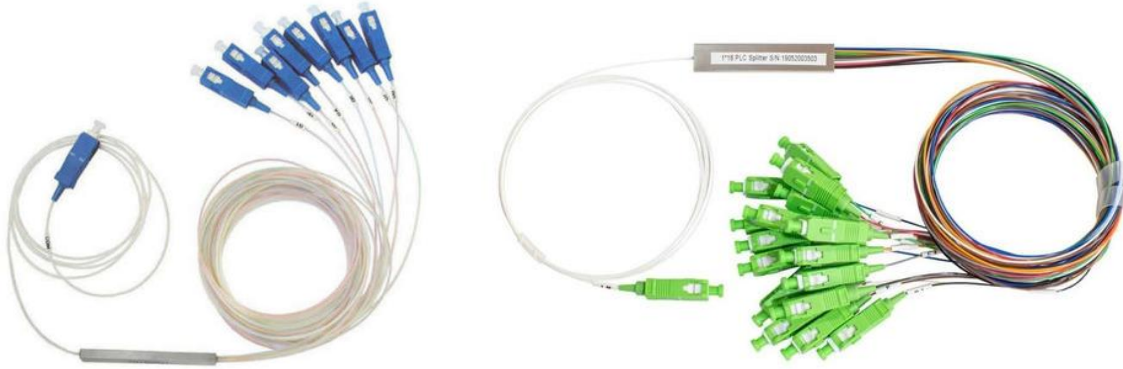# Micro Type PLC Splitter

Description:

We provide a high precise Micro type PLC splitter for the construction of optical network. Low requirements of placing position and environment, compact micro type design. It is especially suitable for tiny room installation and can be easily placed into different types of terminal boxes and distribution boxes, in favor of splicing and stay in tray without additional space reservation. 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		1×2	1×4	1×8	1×16	1×32	1×64
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	55
	UPC	50	50	50	50	50	50
PDL (dB) Max		0.2	0.2	0.25	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 0.9mm tight buffered fiber, G657A or G652D					
Operation temperature (°C)		-40~+85					
Storage temperature (°C)		-40~+85					
Dimension (L×W×H) (mm)		60×7×4	60×7×4	60×7×4	60×12×4	80×20×6	100×40×6
2×N (N>2) PLCS (With connector) Optical parameters							
Parameters			2×4	2×8	2×16	2×32	2×64
Operation wavelength (nm)		1260~1650					
Insertion loss (dB) Max			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	0.25	0.4	0.4	0.4
Directivity (dB) Min			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 0.9mm tight buffered fiber, G657A or G652D					
Operation temperature (°C)		-40~+85					

Storage temperature (°C)	-40~+85					
Dimension (L×W×H) (mm)		60×7×4	60×7×4	80×12×4	100×20×6	100×40×6