

PRODUCT FEATURES:

- Low IL and PDL
- High reliability
- High channel counts
- Wide wavelength range
- Large operating temperature range
- Excellent Environmental & Mechanical Stability

APPLICATION:

- FTTX (FTTP, FTTH, FTTN, FTTC)
- Local Area Networks (LAN)
- Test Equipment
- CATV
- Analog/Digital Passive Optical Networks (PON)

SPECIFICATION**1xN PLC Splitter**

Port Configuration		1x2	1x4	1x8	1x16	1x32	1x64	
Fiber Type	SMF-28e or customer specified							
Operating Wavelength (nm)	1260~1650							
Insertion Loss (dB)	Typical	3.6	6.8	10.2	13.3	16.2	20.5	
	Max	4.0	7.4	10.5	13.5	16.9	21.0	
Loss Uniformity (dB)	Max	0.5	0.7	1.0	1.4	1.8	2.0	

Return Loss (dB)	Min	55	55	55	55	55	55	
Polarization Dependent Loss(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	0.3	0.3	0.3	0.8	0.5	0.8	
Temperature Dependent Loss (-40~85 °C) (dB)	Max	0.5	0.5	0.5	0.8	0.8	1	
Operating Temperature (°C)	-40~+85							
Storage Temperature (°C)	-40~+85							
Packaging Size (mm)	Fan-Out	60x7x4	60x7x4	60x7x4	60x12x4	80x20x6	80x20x6	

2×N PLC splitter

Port Configuration		2x2	2x4	2x8	2x16	2x32	2x64
Fiber Type	SMF-28e or customer specified						
Operating Wavelength (nm)	1260~1650						
Insertion Loss (dB)	Typical	3.8	7.4	10.8	14.2	17	21
	Max	4.2	7.8	11.2	14.6	17.9	21.5

Loss Uniformity (dB)	Max	1.0	1.4	1.5	2	2.5	2.5
Return Loss (dB)	Min	50	50	50	50	50	50
Polarization Dependent Loss(dB)	Max	0.2	0.2	0.4	0.4	0.4	0.5
Directivity (dB)	Min	55	55	55	55	55	55
Wavelength Dependent Loss(dB)	Max	0.8	0.8	0.8	0.8	0.8	1
Temperature Dependent Loss (-40~85 °C) (dB)	Max		0.5	0.5	0.8	0.8	1
Operating Temperature (°C)	-40~+85						
Storage Temperature (°C)	-40~+85						
Packaging Size (mm)	Fan-Out		60x7x4	80x12x4	80x12x4	80x20x6	