

1xN & 2xN PLC SPLITTER

The high performance 1xN or 2xN, single mode, passive power splitter based on PLC technology. The device uniformly splits the optical signals present at the input ports to multiple output ports. Power splitters can also be used in the reverse direction in order to combine multiple optical signals present at the output ports into the input ports.

Applications:

- Fiber optic equipment & systems
- CATV networks
- Data communications
- Passive Optical Networks



Compliance:

- Telcordia GR-1209-CORE-2001
- Telcordia GR-1221-CORE-1999
- RoHS

Optical Specification:

1xN PLC Splitter							
Type		1x2	1x4	1x8	1x16	1x32	1x64
Fiber Type		G657.A/G652.D					
Operating Wavelength(nm)		1260 to 1650 nm					
Insertion Loss(dB)	Max(w/connector)	4.2	7.5	11	14	17.4	20.5
Uniformity Loss(dB)	Max	0.6	0.6	0.8	1.2	1.5	1.8
Polarization Dependent Loss(dB)	Max	0.2	0.2	0.2	0.3	0.3	0.5
Return Loss (dB)		UPC≥50 APC≥55					
Operating Temperature (°C)		-40 to +85					

2×N PLC Splitter							
Type		2x2	2x4	2x8	2x16	2x32	2x64
Fiber Type		G657.A/G652.D					
Operating Wavelength(nm)		1260 to 1650 nm					
Insertion Loss(dB)	Max(w/connector)	4.4	7.8	10.9	14.3	17.2	20.5
Uniformity Loss(dB)	Max	0.4	0.8	0.8	1	1.5	1.8
Polarisation Dependent Loss(dB)	Max	0.2	0.2	0.2	0.3	0.3	0.4
Return Loss (dB)		UPC≥50 APC≥55					
Operating Temperature (°C)		-40 to +85					

Mechinacal Specification:

1×N PLC Splitter							
TYPE		1x2	1x4	1x8	1x16	1x32	1x64
Package Type 1	Material	Stainless Steel					
	Dimension(LxWxH mm)	60x7x4		60x12x5	80x20x6	100x40x6	
Package Type 2	Material	ABS					
	Dimension(LxWxH mm)	100x80x10		120x80x18		130x80x30	