

Specification:

Table 1 – 1×N PLC Fibre Splitter

Parameters	1×2	1×4	1×8	1×16	1×32	1×64
Operating Wavelength (nm)	1260~1650					
Fibre Type	G657A or customer specified					
Insertion Loss (dB)(P/S Grade)	3.8/4.0	7.1/7.3	10.2/10.5	13.5/13.7	16.5/16.9	20.5/21.0
Loss Uniformity (dB)	0.4	0.6	0.8	1.2	1.5	2.0
Return Loss (dB) (P/S Grade)	55/50	55/50	55/50	55/50	55/50	55/50
Polarization Dependent Loss(dB)	0.2	0.2	0.2	0.25	0.3	0.35
Directivity (dB)	55	55	55	55	55	55
Wavelength Dependent Loss(dB)	0.3	0.3	0.3	0.5	0.5	0.5
Temperature Stability(-40~85 °C)(dB)	0.4	0.4	0.4	0.5	0.5	0.5
Operating Temperature (°C)	-40~85					
Storage Temperature (°C)	-40~85					
Package	Steel Tube or ABS					

Table 2 – 2×N PLC Fibre Splitter

Parameters	2×2	2×4	2×8	2×16	2×32	2×64
Operating Wavelength (nm)	1260~1650					
Fibre Type	G657A or customer specified					
Insertion Loss (dB)	4.0	7.6	11.0	14.4	17.5	21.0
Loss Uniformity (dB)	0.6	1.0	1.2	1.5	1.8	2.2
Return Loss (dB) (P/S Grade)	55/50	55/50	55/50	55/50	55/50	55/50
Polarization Dependent Loss(dB)	0.2	0.2	0.3	0.3	0.4	0.4
Directivity (dB)	55	55	55	55	55	55
Wavelength Dependent Loss(dB)	0.3	0.4	0.5	0.5	0.5	0.5
Temperature Stability(-40~85 °C)(dB)	0.4	0.4	0.4	0.5	0.5	0.5
Operating Temperature (°C)	-40~85					
Storage Temperature (°C)	-40~85					
Package	Steel Tube or ABS					