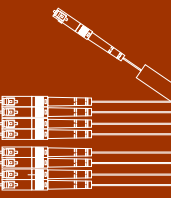


1×8 SC APC SINGLE-MODE PLC SPLITTER



▪ SP-PLC-SCA-1X8

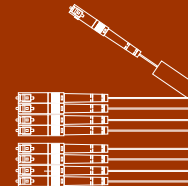


Description:

- Single-mode PLC optical splitter designed to distribute an optical signal to eight ports, providing a reliable solution for telecommunications networks. Ideal for FTTx, FTTH, and PON applications, as well as distribution boxes, ODFs, optical panels, and telecommunications cabinets.

Features:

- 1×8 configuration
- Single-mode fiber
- Wavelength: 1310/1550 nm
- SC/APC connectors
- Fiber diameter: 0.9 mm
- Length: 1.0 m



PLC Splitter Test Report

Single Mode 1310/1550nm Splitter Test Data

- P/N: TWBC-1×8-1310/1550nm
- S/N: 2024030900707
- Cable: SC/APC φ 0.9mm SM L1.0M
- Test Data:

Wavelength (nm)	Required Ratio (%)		Actual Ratio (%)	Insertion Loss (dB)	Directivity (dB)	Excess Loss (dB)
1310	PORT 1	50	52.29	10.15	≥55	0.18
	PORT 2	50	52.37	10.13		
	PORT 3	50	52.36	10.24		
	PORT 4	50	55.32	9.94		
	PORT 5	50	55.31	10.34		
	PORT 6	50	52.24	10.20		
	PORT 7	50	52.26	10.19		
	PORT 8	50	52.27	10.14		
1550	PORT 1	50	52.31	10.06		0.11
	PORT 2	50	52.32	10.16		
	PORT 3	50	53.38	10.13		
	PORT 4	50	53.27	10.23		
	PORT 5	50	53.31	10.15		
	PORT 6	50	53.29	10.22		
	PORT 7	50	53.32	10.10		
	PORT 8	50	53.39	10.11		

- QC: Approved
- Date: 2024-03-09