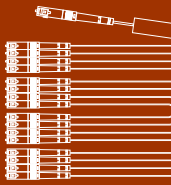


1×16 SC APC SINGLE-MODE PLC SPLITTER



▪ SP-PLC-SCA-1X16

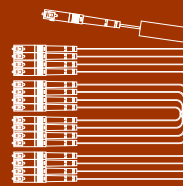
Description:

- Single-mode PLC optical splitter designed to distribute an optical signal to sixteen points, 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:

- 1×16 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: PLC-1×16-1310/1550nm
- S/N: 2024072200055
- 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	49.26	13.14	≥55	0.08
	PORT 2	50	49.31	13.14		
	PORT 3	50	49.40	13.27		
	PORT 4	50	49.31	13.18		
	PORT 5	50	49.32	13.16		
	PORT 6	50	49.39	13.24		
	PORT 7	50	49.39	13.16		
	PORT 8	50	49.30	13.27		
	PORT 9	50	49.29	13.24		
	PORT 10	50	49.30	13.20		
	PORT 11	50	49.32	13.27		
	PORT 12	50	49.33	13.17		
	PORT 13	50	49.30	13.19		
	PORT 14	50	49.25	13.09		
	PORT 15	50	49.26	13.28		
	PORT 16	50	49.28	13.17		
1550	PORT 1	50	49.74	13.16		0.04
	PORT 2	50	50.34	13.27		
	PORT 3	50	50.28	13.25		
	PORT 4	50	50.40	13.26		
	PORT 5	50	50.39	13.04		
	PORT 6	50	50.34	13.26		
	PORT 7	50	50.39	13.27		
	PORT 8	50	50.39	13.27		
	PORT 9	50	50.26	13.19		
	PORT 10	50	50.34	13.26		
	PORT 11	50	50.38	13.14		
	PORT 12	50	50.36	13.13		
	PORT 13	50	50.35	13.25		
	PORT 14	50	50.26	13.23		
	PORT 15	50	50.31	13.16		
	PORT 16	50	50.37	13.20		

- QC: Approved
- Date: 2024-07-22