

ABS BOX PLC Splitter

Product description:

The PLC splitter is a kind of integrated waveguide optical power distribution device based on quartz substrate. It has the characteristics of small volume, wide operating wavelength range, high reliability, good uniformity of spectrophotometer and so on. For passive optical network (EPON, BPON, GPON, etc) to connect the central office and terminal equipment and to achieve optical signal shunt. The 1xN and 2xN splitters evenly divided the optical signal into multiple outlets evenly from a single or dual inlet, or vice versa, to import multiple optical signals into a single or two root fiber.

Features.

- 1) Good uniformity and low insertion loss
- 2) Low polarization dependent loss
- 3) Excellent environmental stability
- 4) Excellent mechanical
- 5) Compact design, suitable for installation in optical equipment
- 6) Wide operating temperature: -40~85 °C
- 7) High reliability and stability

Application.

- 1) FTTX Systems
- 2) PON Networks
- 3) CATV Links
- 4) Optical Signal Distribution
- 5) Local Area Networks (LAN)
- 6) Fiber communication Systems

Specification:

Item	Specification
Operating Wavelength (nm)	1260 ~ 1650
Insertion Loss (dB) Max. (P/A)	3.8/4.1
Uniformity (dB) Max.	<0.6
PDL(dB)Max	<0.2
Directivity (dB) Min *	55
Return Loss (dB) Min *	55(50)
Operating Temperature (°C)	-40~ +85