

PLC Optical divider specification

Overview

This specification mainly defines the PLC optical shunt 1xN series optical performance indicators, product packaging size, working and storage conditions, packaging.

Optical properties

1×N PLC Splitter with connector

Parameters	1×2
Operation Wavelength (nm)	1260~1650
Optical fiber type	G657A1 or customer specified
Insertion Loss (dB (P Grade))	≤ 4.3
Uniformity (dB)	≤0.7
Polarization dependent loss (dB)	≤0.2
Return loss (dB)	≥55 (SC/APC)
Directivity (dB)	≥55
Temperature stability (40 ~ 85 °C) (dB)	≤0.5
Operation Temperature	-40~80
Storage Temperature	-40~85

Packaging dimensions

1×N PLC Splitter

Parameters	1×2
ABS BOX (L*W*H ,mm)	90*20*10