FTTH Loopback Fiber Optic Patchcord Specification

Description

Loopback provides a media of return path for a signal, no matter the signal is for testing purposes or network restoration. In the case of testing, the loopback signal is used for diagnosing a problem. Sending a loopback test to network equipment, one at a time, is a technique for isolating a problem. Its performance is as good as that of a general. Available type including SC, MT-RJ, MU and LC. Bare fiber, 0.9mm cable, 2.0/3.0mm cable are all available.

Application

➢ Device pig-tailing
➢ Premise networks
➢ Patch panel applications

SC Fiber Loopback

Features

◆ Low insertion loss and high return loss
◆ Good exchangeability and durability
◆ Compact design

SC type：

Short wavelength devices
Compatible with Fast Ethernet
Fiber Channel, ATM, and Gigabit Ethernet

Parameter

Product	SC Fiber Loopback	
Item	Single mode	Multi-mode
Test wavelength	1310nm, 1550nm	850nm, 1300nm
Insertion Loss	typical≤0.20dB,Max≤0.30dB	typical≤0.40dB,Max≤0.50dB
Return Loss	UPC≥50.0dB,APC≥60.0dB	≥35.0dB
Repeatability	≤0.10dB	
Interchangeability	≤0.20dB	
Durability	≤0.20dB typical change,1000 mating	
Operating Temperature	-20ºC to +60ºC	
Storage Temperature	-40ºC to +85ºC	