



TAKFLY COMMUNICATIONS CO., LTD.

ADD: Takfly Industrial Park, Tongsheng Community, Dalang Street, Longhua District, Shenzhen, 518109, China.

Tel: +86-755-28106528

Fax: +86-755-23777278

FTTH Loop Back Fiber Optic Patchcord Specification

BRIEF INTRODUCTION

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.

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



LC type

Communications connections

Equipment interconnection

Loopback for network components testing

APPLICATIONS

Device pig-tailing

Premise networks

Patch panel applications

Specification

Item	PARAMETER	
	Single mode	Multi-mode
Test wavelength	1310nm, 1550nm	850nm, 1300nm
Insertion Loss	typical $\leq 0.20\text{dB}$, Max $\leq 0.30\text{dB}$	typical $\leq 0.40\text{dB}$, Max $\leq 0.50\text{dB}$
Return Loss	UPC $\geq 50.0\text{dB}$, APC $\geq 60.0\text{dB}$	$\geq 35.0\text{dB}$
Repeatability	$\leq 0.10\text{dB}$	
Interchangeability	$\leq 0.20\text{dB}$	
Durability	$\leq 0.20\text{dB}$ typical change, 1000 mating	
Operating Temperature	-20°C to $+60^{\circ}\text{C}$	
Storage Temperature	-40°C to $+85^{\circ}\text{C}$	