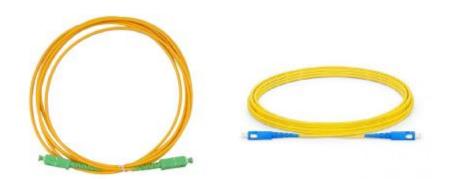# Patch cords

Description:

FTTH Optical Patchcord Cable, with Connector pre-terminated at each end of the cable to make connection. The operator could directly plug the cable to the adapter without splicing in field, which will decrease the loss of the optical distribution network, as well as decrease the operation time in the subscriber end.

Features

Good durability
100% connectors tested
Good Repeat and exchangeability: >1000 times
Delivery 100% passed products
High-Temperature stability
Low insertion loss and back reflection loss
High Return Loss
Superior Quality Standard PC/UPC/APC Polishing
Comply with Standard: Telcordia GR-326-CORE, TIA/EIA, and IEC

Applications

Fiber Patch cords are used for connections to CATV (Cable Television), telecommunication networks, computer fiber networks, and fiber test equipment. Applications include communication rooms, FTTH (Fiber to The Home), LAN (Local Area Network), FOS (fiber optic sensor), Fiber Optic Communication System, Optical fiber connected and transmitted equipment, Defense combat readiness, etc.

Document No.		Approved by	Prepared by	Date	Rev	Page
Tech. Specificaiton	GD/TD/439-2022	Xingguo Jiang	Zhiwei Zhen	2023-03-01	00	1 / 1

CATV network

Optical fiber communication systems

Optical fiber data transmission

Building network access

Cabling system, ODF

FTTX networks

Specification:

Connector	SC/APC, SC/UPC			
Polishing	PC (SM)	UPC (SM)	APC (SM)	MM
Return Loss (dB)	≥45	≥50	≥60	≥35
Wavelength	1310/1550nm			
Insertion Loss (dB)	≤0.2 (max≤0.3)			
Repeatability (dB)	≤0.1			
Durability(1/Matings)	≥500			
Operation Temperature (°C)	-25~+70°C			
Tensile Strength (N)	≥90 (Φ3.0), ≥70 (Φ2.0), Φ0.9			
Fiber Grade	G657A2			
Cable Diameter	3.0mm/ 2.0mm			
Cable Jacket	LSZH			
Cores	Simplex			