

COMPANY PROFILE

Shanghai Guang Te Communication Technology Development Co.,Ltd was established with the area of 20000 m2 in 2005, which is a professional manufacturer of FTTH/ODN products. The main products are fiber optic patch cord, fiber optic splitter, optical distribution frame(ODF) and splice closure. OEM/ODM services and optical communication solution also can be provided.

We start to bring many new technologies and develop new products to meet the requirements of our clients. Guang Te got ISO 9001:2008 certificate. The relevant products have been sold to Europe, Middle East and America. In the domestic market, the products also are supplied to China Telecom, China Mobile and China CATV.



Your partner forever!



Non-standard Fiber Optic Patch Cord

Feature:

- High quality components
- Low insertion loss
- High return loss
- Good exchangeability
- Experienced staff and excellent technology in the field of patch cord

Application:

- FTTH
- GPON and EPON
- Military and defense field
- Fiber optic sensor
- Video transmission

SC fast-connector for field splice

Feature:

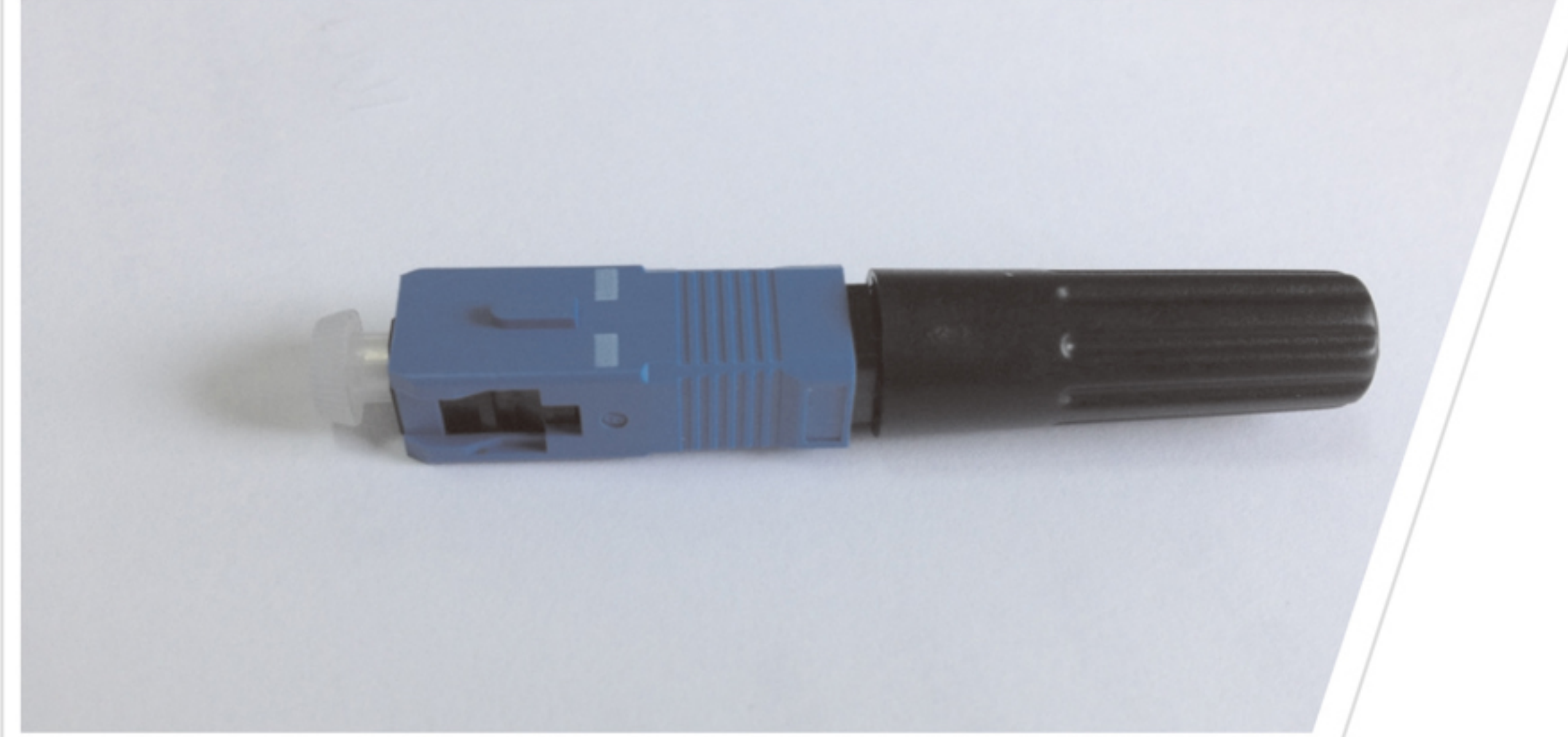
- High return loss
- Low insertion loss
- Easy to maintain and install
- Exquisite appearance
- Excellent durability
- High environment stability

Application:

- Optic fiber communication system
- FTTH
- Local area network
- Test equipment
- CATV
- Fault detect system

Specification

specification	unit	
optic fiber type		G652、G652、G657A
typical insertion loss	dB	0.2
maximum insertion loss	dB	0.5
return loss	dB	≥40
durability	time	≥500
tensile strength	N	≥50
operation temp	℃	-20 ~ +75
storage temp	℃	-40 ~ +75



Fiber optic patch cord

Feature:

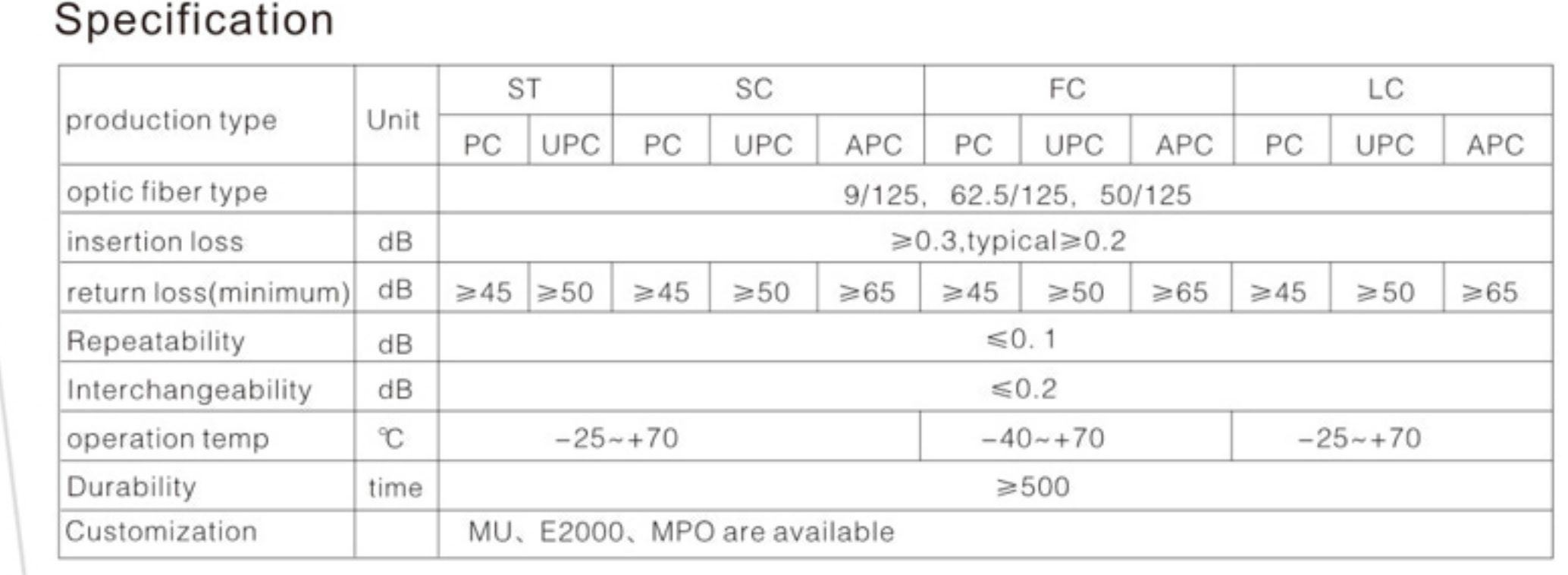
- High quality components
- Low insertion loss
- High return loss
- Good exchangeability
- Good repeatability

Application:

- FTTH
- CATV
- LAN
- Fiber optic sensor
- Video transmission

Specification

production type	Unit	ST	SC	FC	LC							
		PC	UPC	PC	UPC	APC	PC	UPC	APC	PC	UPC	APC
optic fiber type		9/125, 62.5/125, 50/125										
insertion loss	dB	≥0.3, typical ≥0.2										
return loss(minimum)	dB	≥45	≥50	≥45	≥50	≥65	≥45	≥50	≥65	≥45	≥50	≥65
Repeatability	dB	≤0.1										
Interchangeability	dB	≤0.2										
operation temp	℃	-25~+70					-40~+70			-25~+70		
Durability	time						≥500					
Customization		MU、E2000、MPO are available										



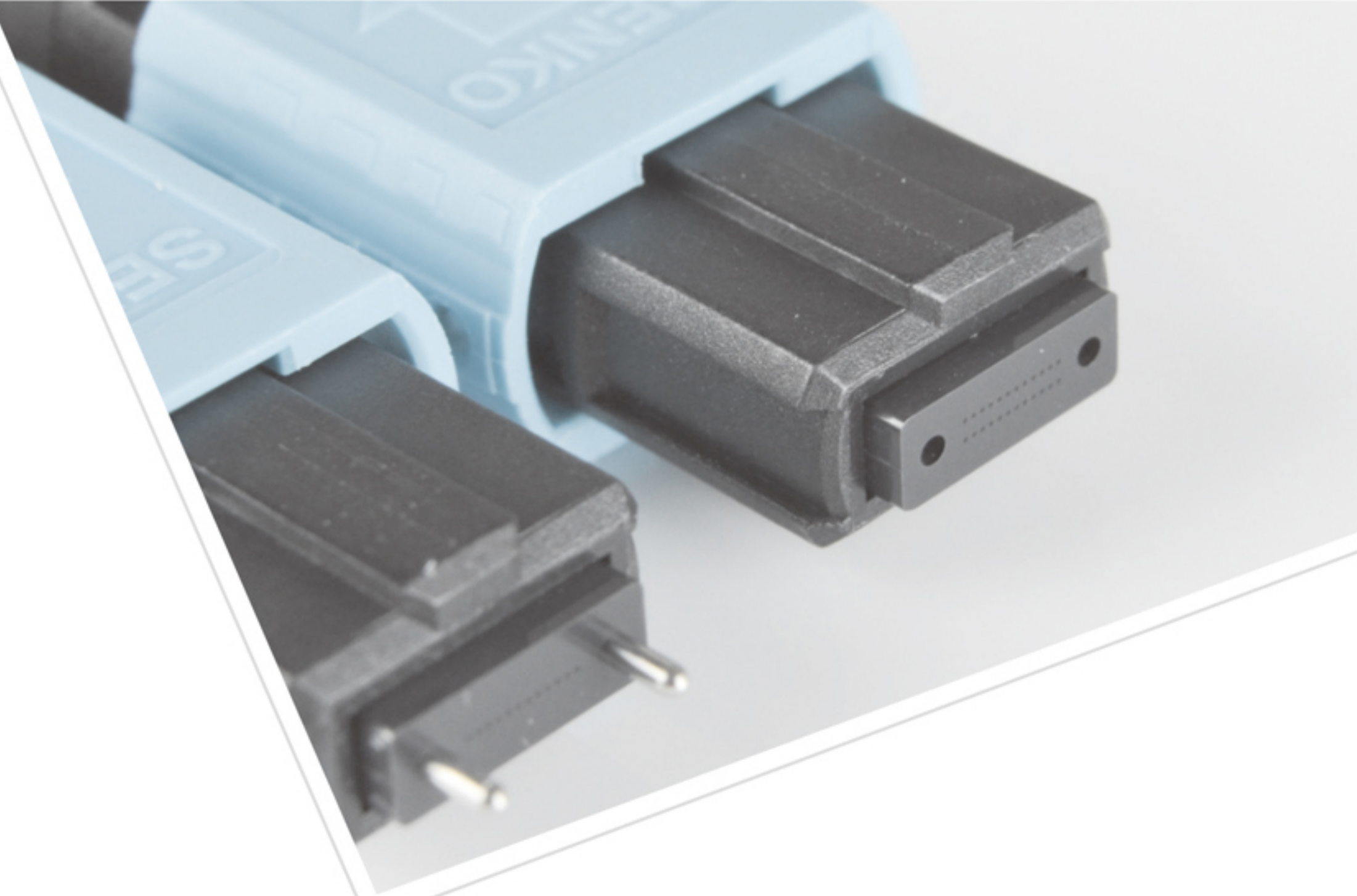
MPO/MTP Series

Feature:

- High quality components
- Sophisticated polisher and process
- High return loss and low insertion loss
- Good mechanical property
- Ribbon fiber, flat cable and 3.0m cable all are available
- Conform to IEC61754-7, TIA FOCIS 5/604-5, bellcore GR-143

Application:

- Data center
- CATV and multi-media transmission
- Ethernet network
- Fiber optic sensor



FBT Coupler

Feature:

- Low insertion loss
- Low PDL
- High directivity and isolation
- Various coupling ratio can be customized

Application:

- CATV
- FTTX
- Local area network
- Optic test system
- Network monitoring

Specification

product type	Unit	standard	single window	double windows	multi-mode
working wavelength	nm	1310 or 1550	1310 or 1550	1310 and 1550	850 and 1300
uniformity	db	0.5	0.6	0.8	0.7
port type		1×2, 2×2, 1×3, 2×3, 3×3, 1×4, can be customized			
directionality	db	≥55			
bandwidth	nm	±20	±40	±40	
working temperature	℃	-40 ~ +85			
encapsulation ways		ABS box type(0.9mm, 2.0mm, 3.0mm), Steel tube(250um bare fiber or 0.9mm), LGX box packed.			

