

Fiber Patch Cords OS2 Single Mode

Part Numbers:

FJ-FUS-*x*y-*zM (Simplex)

FJ-FUD-*x*y-*zM (Duplex)

*x = Connector 1 – ST (05), SC (06), LC (08)

*y = Connector 2 – ST (05), SC (06), LC (08)

*z = Length (meters) – 1, 2, 3, 4, 5



Optical Characteristics

Insertion Loss	< 0.3dB
Return Loss	> 50dB
Attenuation dB/KM/Max	0.4dB

Dimensions

Diameter Over Jacket	2.0 mm 0.078 in
Ferrule End-face Radius	5 < R < 25 mm

Fiber Specifications

Wavelength	1310nm
Core Diameter	9µm
Cladding Diameter	125µm
Glass Buffer Size	600µm
Inner Strength Material	Kevlar
Glass Type	Corning SMF-28e+
Fiber Extension	-0.05µm < H < +0.05µm
Apex Offset	-100~+100nm

Mechanical Specifications

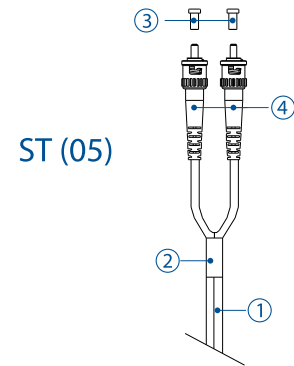
Mating Durability (After 500 Matings)	≤ 0.3dB
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Environmental Specifications

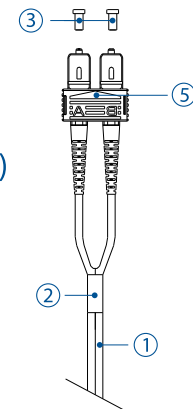
Fire Rating	OFNR (Riser)
Operating Temperature	-20° C to +70° C (-4° F to +158° F)
Storage Temperature	-20° C to +70° C (-4° F to +158° F)

Construction Specifications

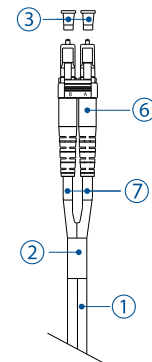
Construction Type (Duplex)	Zipcord Cable
Jacket Color	Yellow
Safety Standard	UL RoHS REACH
Cable Jacket Material	PVC



ST (05)



SC (06)



LC (08)

1	Optical Fiber Cable
2	Heat Shrink Tube – Black
3	Cap – White Plastic
4	Connector – ST Simplex – Black Boot
5	Connector – SC Duplex – Beige Coupler & Boots
6	Connector – LC Duplex – Beige Coupler & Boots
7	Color-coded Heat Shrink