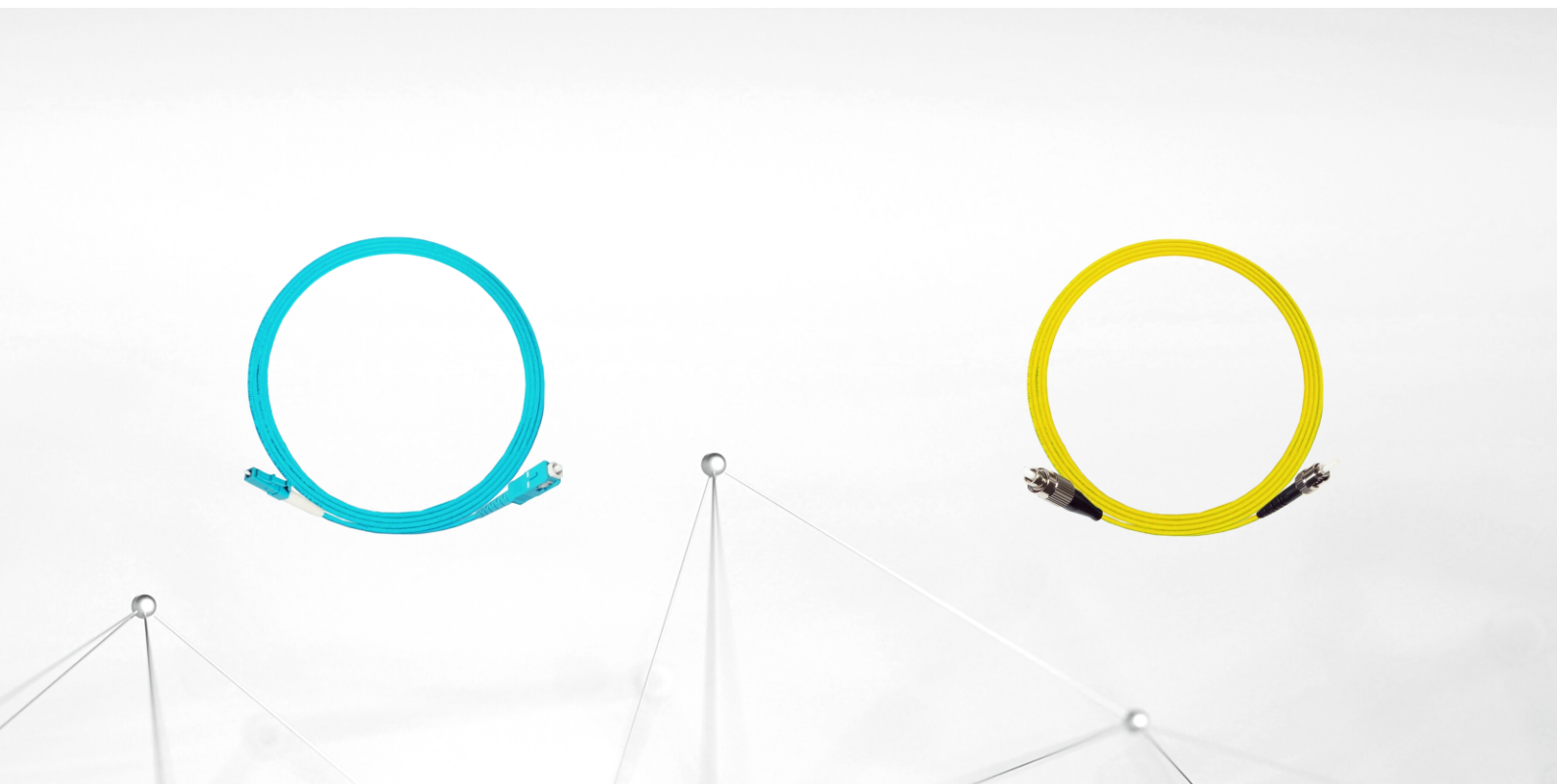




Standard Fiber Patch Cables Datasheet



Standards Compliance

- YD/T1272.1-2018
- YD/T1272.4-2018
- YD/T1272.3-2015
- YD/T987-1998

Features

- Low loss Connector
- LC/SC/ST/FC available
- Polish Type: UPC, APC
- G657A1, OM3, OM4, OM5 available
- Factory Pre-terminated 100% Tested

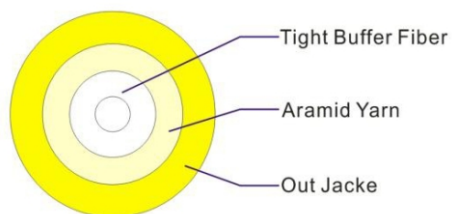
Technical Specification

ITEM	Description
Fiber Count	Duplex/Simplex
Connector Types	LC/SC/ST/FC
Polish Type	Single Mode: UPC-UPC; APC-APC Multimode: UPC-UPC
Fiber Mode	Single Mode: G652D/G657A1 Multimode: OM1;OM2;OM3;OM4;OM5
Cable Diameter	Duplex: 2.0/3.0mm, Simplex:2.0/3.0mm
Connector Ferrule	Zirconia Ceramic
Cable Jacket	PVC/LSZH/OFNP
Cable Jacket Color	SM:Yellow MM:Orange(OM1/2);Aqua(OM3);Violet(OM4);LimeGreen(OM5)

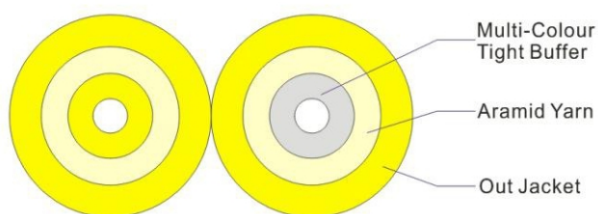
ITEM	Description
Insertion Loss	SM/UPC:≤0.3dB,SM/APC:≤0.3dB MM/UPC:≤0.2dB
Return Loss	SM/UPC:≥50dB,SM/APC:≥60dB MM/UPC:≥35B
Wavelength	Single Mode: 1310/1550nm Multimode: 850/1300nm
Operating Temperature	-25~70℃
Storage Temperature	-25~70℃

Connector Type Fiber Mode	SC		LC		FC		ST	
	Connector	Boots	Connector	Boots	Connector	Boots	Connector	Boots
SM/UPC	Blue	Blue	Blue	White	/	Black	/	Black
SM/APC	Green	Green	Green	Green	/	Green	/	Green
OM1/OM2	Beige	Beige	Beige	White	/	Black	/	Black
OM3	Aqua	Aqua	Aqua	White	/	Black	/	Black
OM4	Violet	Violet	Violet	White	/	Black	/	Black
OM5	Lime Green	Lime Green	Lime Green	White	/	Black	/	Black

Cable Technical Specification



Simplex 2.0/3.0mm

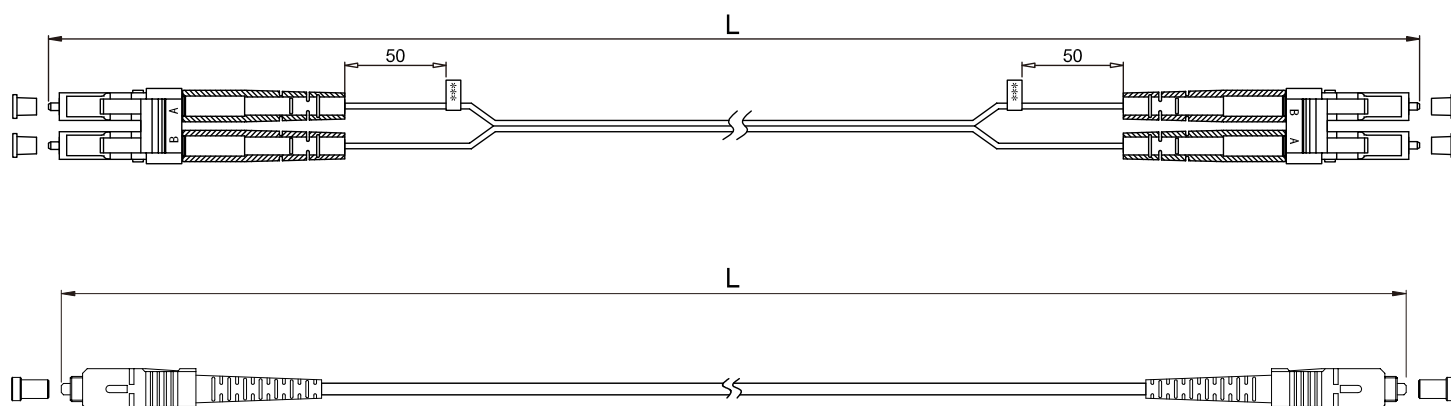


Duplex 2.0/3.0mm

ITEM	Description
Fiber Minimum Bend Radius	SM:10mm(G657A1/A2); 30mm(G652D) MM:7.5mm(OM3/4/5); 16mm(OM1/2)
Cable Minimum Bend Radius	Dynamic:20D Static:10D
Attenuation(dB/km)	SM: ≤0.5 at 1310nm, ≤0.4 at 1550nm OM3/OM4/OM5: ≤3.5 at 850nm, ≤1.5 at 1300nm
Bandwidth(MHz*km)	OM2: ≥700 at 850nm, ≥500 at 1300nm OM3: ≥1500 at 850nm, ≥500 at 1300nm OM4: ≥3500 at 850nm, ≥500 at 1300nm OM5: ≥3500 at 850nm, ≥500 at 1300nm

Cables	Nominal Weight	Max.Tensile Strength		Max.Crush Resistance	
		Short-Term	Long-Term	Short-Term	Long-Term
Simplex 2.0mm	3.5kg/km	75N	30N	200N/100mm	50N/100mm
Duplex 2.0mm	8.8kg/km	150N	70N	300N/100mm	100N/100mm
Simplex 3.0mm	7.5kg/km	100N	50N	500N/100mm	100N/100mm
Duplex 3.0mm	13.5kg/km	200N	100N	500N/100mm	100N/100mm

Technical Drawing



Cable Length Tolerances

Cable Length	Tolerances
$L \leq 1m$	+50mm/-0
$1m < L < 10m$	+100mm/-0
$10m < L \leq 20m$	+200mm/-0
$L > 20m$	+1%/-0

Ordering Information

LC/UPC - LC/UPC - OM3 - DX - 3.0 - 1.5M - LSZH - Aqua

1 2 3 4 5 6 7 8

1-Connector A: LC/UPC; LC/APC; SC/UPC; SC/APC;

2-Connector B: LC/UPC; LC/APC; SC/UPC; SC/APC;

3-Fiber Type: OM3; OM4; OM5; G657A1;

4-Fiber Count: DX: Duplex; SX: Simplex;

5-Cable Diameter: 3.0: 3.0mm; 2.0: 2.0mm;

6-Cable Length: 1.5M;

7-Cable Jacket Ratings: LSZH; PVC; OFNP;

8-Cable Color: MM: Orange(OM1/2); Aqua(OM3); Violet(OM4); LimeGreen(OM5);

SM: Yellow(G657A1/G652D);



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