

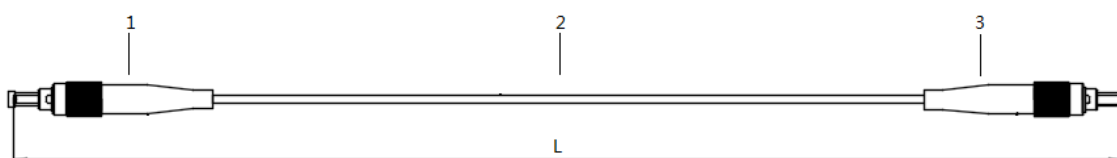
- Fiber optic patch cord and pigtails, in simplex, duplex or other customized forms
- Used for connecting the device through different connectors
- Low insertion loss, high return loss and good repeatability
- RoHS compliance



Part number

PRIP-XXXXXXXXXXXXXX-XXXX	Fiber Optic Patch cord and Pigtails
1 2 3 4 567 8	
*1 indicate the fiber mode: SM1=G652D, SM2=G657A1, SM3=G657A2, SM4=G657B3, SM5=G655, OM1=OM1, OM2=OM2, OM3=OM3...	
*2 indicate the fiber count: 1=1 core, 2=2 core...	
*3,4 indicate the connector style: E2KA=E2000/APC, E2K=E2000/UPC, SC=SC/UPC, LC=LC/UPC, SCA=SC/APC, LCA=LC/APC, FC=FC/UPC, FCA=FC/APC, 00=pigtail, CS=SENKO CS® Standard connector...	
*5 indicate the cable dimension: 0=2mm, 1=3mm, 2=0.9mm, 3=3.75mm...	
*6 indicate the jacket color: 0=Yellow, 1=Orange, 2=Aqua, 3=Black, 4=Blue, 5=Red, 6=Magenta, 7=Dark blue, 8=White...	
*7 indicate the jacket material: 0=PVC, 1=LSZH, 2=OFNR(PVC), 3=OFNP(PVC), 4=OFNR(LSZH), 5=OFNP(LSZH), C=LSZH, CPR Cca, D=LSZH, CPR Dca	
*8 indicate the length, unit: mm Tolerance: 0~10cm@0-10m, 0~1%*L@ L>10m	

Part list



No	Name	Description	Quantity
1	Fiber Connector	FC, LC, SC, ST...APC or UPC	1 or 2
2	Fiber Cable	G652D, G657A1, G657A2, G655, OM1, OM2, OM3, OM4...	L (m)
3	Fiber Connector	FC, LC, SC, ST... APC or UPC	1 or 2

Specifications

Item	Parameters							
Fiber type	G652D	G657A1	G657A2	G655	OM1	OM2	OM3	OM4
Fiber core/cladding dia (um)	9/125				62.5/125	50/125		
Fiber count	1 core or 2 cores							

Material	PVC or LSZH				
Color	Yellow		Orange	Aqua	Magenta
Nom. diameter (mm)	2.0, 3.0, 0.9 or others				
Strength member	Kevlar				
Attenuation(dB/km)	≤0.4@1310nm	≤0.3@1550nm	≤3.0@850nm		
	≤0.3@1550nm		≤1.0@1300nm		
Insert loss (dB)	≤0.3				
Return loss (dB)	≥50(UPC)		-		
	≥60(APC)		-		

Mechanical data

Minimum bending radius cable	Dynamic	20xOD, OD=outer diameter
	Static	10xOD, OD=outer diameter
Tensile strength (according to IEC 60794-1-2 E1)	Long term tensile force: 80N	
	Short term tensile force: 150N	
Crush (according to IEC 60794-1-2 E3)	Long term: 100 N/100mm	
	Short term: 500 N/100mm	

Environment data

Temperature range operation	-25°C to +75°C
Temperature range installation	-25°C to +70°C
2011/65/EU (RoHS)	Compliant

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