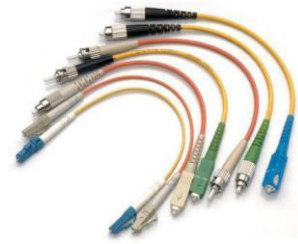


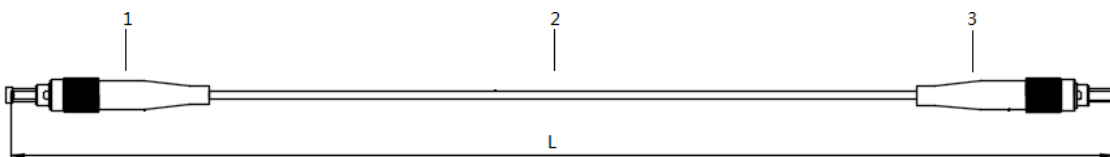
- Fiber optic patch cord and pigtails, in simplex, duplex or other customized forms
- Used for connecting the device through different connectors
- Low insertion loss, high return loss and good repeatability
- RoHS compliance



Part number

PRIP-XXXXXXXXXXXX-XXXX-V2	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	
Label: Manufacturer, product code, ..etc	

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)	≥55(UPC)	-		
	≥60(APC)	-		
Attenuation stability	≤0.1dB after 500 connection cycles			

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
Humidity	$\leq 95\%RH$
2011/65/EU (RoHS)	Compliant

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.