

Patch cord

Descriptions

Anylink. manufactures FC, SC, LC, MU, ST, D4, DIN, SMA905, MTRJ and other types fiber connectors.

Features

- ▶ Low Insertion Loss, High Return Loss
- ▶ High quality Ferrule, High Density
- ▶ High repeatability

Applications

- ▶ Components
- ▶ Fiber Systems and device
- ▶ module and system



Specifications

Parameter		Specification								
		Multi -Mode		Single Mode						
Operating wavelength (nm)		850/1310		1310/1550		980/1060	800/850	630	450	405
Fiber type		OM2/OM3/OM4 or others		SMF-28e or others		HI1060(flex)	HI780 or SM800	SM600	SM460	SM405
Grade		P	A	P	A	A	A	A	A	A
Insertion loss (dB)		≤0.15	≤0.2	≤0.15	≤0.2	≤0.35	≤0.6	≤0.85	≤1.2	≤1.5
Return loss (dB)	UPC	≥40	≥35	≥55	≥50	≥50dB				
	APC	/	/	≥65	≥60	≥60dB				
Repeatability (dB)		≤0.1				/				
Changeability (dB)		≤0.2								
Durability		≥1000								
Operating temperature (℃)		-40 ~ + 85								
Storage temperature (℃)		-40 ~ +85								

Remark: Customized different connector type/ length tolerance/specifications.

3D Interferometer parameters

Ferrule Type	physical Parameters	IEC standard	Ferrule Type	physical Parameters	IEC standard
φ 2.5PC	Radius of Curvature	10~25mm	φ 2.5APC	Radius of Curvature	5~12mm
	Fiber Height	-100~100nm		Fiber Height	-100~100nm
	Apex Offset	0~50um		Apex Offset	0~50um
	Angle	0±0.3°		Angle	8±0.5°
φ 1.25PC	Radius of Curvature	7~25mm	φ 1.25APC	Radius of Curvature	5~12mm
	Fiber Height	-100~100nm		Fiber Height	-100~100nm
	Apex Offset	0~50um		Apex Offset	0~50um
	Angle	0±0.3°		Angle	8±0.5°

Ordering Information

Patch cord – A/B — C/D — E — F — G — H — I — J		
A	Connector Type	FC, SC, LC, MU, ST, D4, SMA905, etc
B	Ferrule Type	PC, UPC, Adpc, APC(Cone), APC (Step), etc
C	Connector Type	FC, SC, LC, MU, ST, D4, SMA905, etc
D	Ferrule Type	PC, UPC, Adpc, APC(Cone), APC (Step), etc
E	Fiber Type	SMF-28e, HI1060(flex), OM2, OM3, OM4, Customer Request
F	Cable Type	SX=Simplex Cable
		DX=Duplex Zip Cable, Customer Request
G	Tube Type	0.9=0.9mm Tight Buffer/Tubing, 2.0= 2.0mm Jacket, 3.0=3.0mm Jacket, 3mm armour Jacket, etc
H	Jacket Color	Yellow, Orange, White(SM standard), Clear (Bare Fiber Only), etc
I	Jacket Material	PVC, Hytrel, Riser OFNR, PVDF, Customer Request
J	Total length	005=0.5m; 010=1.0m 100=10m etc
For example: Patch cord -FC/APC—SC/UPC-Hi1060-SX-0.9-Yellow-Hytrel-015		