

Giganet connectors are manufactured using state-of-the-art ferrules and components. Available in SC, LC, FC and ST in both PC and APC in singlemode and multimode PC. The connector consists of a polymer body and a ceramic ferrule/spring/crimp barrel assembly in addition to a crimp-over sleeve and rubber boot. These connectors are suitable for 900µm, 2mm and 3mm cables.



### FEATURES

Available for simplex and duplex
Full compatibility in 900µm, 2.0mm and 3.0mm boots
Zirconia ceramic ferrule
Low insertion loss and back reflection capability
UL94-V0 fire resistance plastic

### APPLICATION

RoHS, REACH SvHC compliant
Complies with IEC 61754-20 and TIA 604-10

### CONNECTOR SPECIFICATIONS

Parameter	Criteria	Effect	Conformance
Mating Durability	500 Matting	< 0.2dB Change	IEC 61300-2-2
Vibration	10-55Hz, 0.75 amplitude	< 0.2dB Change	IEC 61300-2-1
Drop	Drop height 1m, 5 drops	< 0.2dB Change	IEC 61300-2-22
Cable Retention	Magnitude 90 N	< 0.2dB Change	IEC 61300-3-4
Cable Torsion	1.5kg - 2.5kg for 2/3mm cable OD	< 0.2dB Change	IEC 61300-3-5
Operating Temperature	-25°C ~ +70°C	< 0.2dB Change	IEC 61300-2-22

### CONNECTOR SPECIFICATIONS

Optical Performance	Grade Premium	Grade Standard	Conformance
IL MAX / Master Acceptance	0.15dB	0.15dB	IEC 61300-3-4
IL MAX / Random	0.20dB	0.20dB	IEC 61300-3-34
Ave/Master	0.12dB	0.12dB	IEC 61300-3-4
Ave/Random	0.12dB	0.12dB	IEC 61300-3-34
Return Loss	55/65dB	55/65dB	IEC 61300-3-6

### ORDERING INFORMATION

#### PRODUCT PART NO CONFIGURATION GN-CON-1-2-3-4-5-6

GN-CON	1	CONNECTOR	2	FIBRE TYPE	4	FIBRE PORT	5	BOOT DIAMETER	3	HOUSING COLOR (ONLY SC/LC)	6	PERFORMANCE
	SC	SC	S	Single mode	S	Simplex	9	900µm	B	Blue	S	Standard
	SCA	SCAPC	M	Multimode	D	Duplex	2	2 MM	G	Green	P	Premium
	LC	LC			Q	Quad	3	3 MM	BE	Beige		
	LCA	LCAPC							AQ	Aqua		
	FC	FC							EV	Erica Violet		
	FCA	FCAPC										
	ST	ST										

**GN-CON-LC-M-9-EV-P : Giganet Fiber Connector LC, Multimode, Duplex, 900um, Erica violet, Premium**