

SUMMARY

Wires

Low	2
High	2
Coax	0
Triax	0
Quad	0
Fiber	2
Fluidic	0
Material	Brass



Series	3K
Termination type	Hybrid contacts
IP rating	68
Cable Ø (mm)	4.60 - 5.50
Wire size / AWG	20.00 - 24.00

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, cable adapter and nut for fitting a bend relief
Keying	5 keys (alpha=95, beta=115, gamma=20, delta=30, plug: female LV, male HV, female FO contacts)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	: 4.6 - 5.5 mm
Variant	Z : Nut for fitting a bend relief

Performance

Configuration	3K.93C : 2 FO Type F2, 2 HV + 2 LV
Insulator	L: PEEK
Rated Current	

Specifications

Contact Type:	Crimp
Fiber Optic Contact:	Type F2 (must be ordered separately)
Vtest power/signal (AC):	2250V , 1000V
Working voltage power/signal(AC):	600V , 42V
Rated Current power/signal (A):	10,3
Cable type:	SMPTE 311M or EBU R100

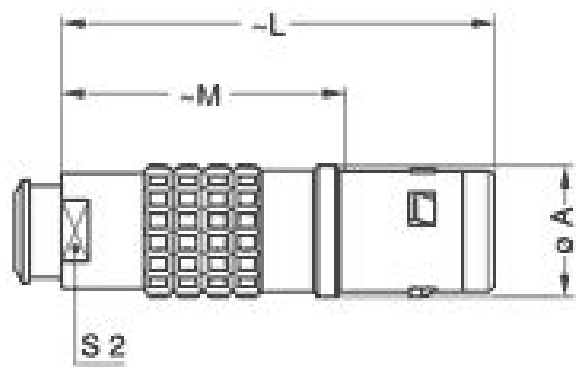
Others

Endurance (Shell):	5000 mating cycles
Temp (min):	-55 C
Temp (max):	+200 C
Humidity (max):	<=95% [at 60 deg C / 140 F]
Vibration:	15 g [10 Hz - 2000 Hz]

Shock Resistance: 100 g [6 ms]
Salt Spray Corrosion: >144 hr
Climatical Category: 50/175/21
Shielding (min): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
IP Rating: 68

DRAWINGS

Draws



Dimensions

	A	L	M	S2
mm.	19	60	40	15
in.	0.75	2.36	1.57	0.59

RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V
Crimp Tool 2: DPC.91.101.A
Positionner: DCE.91.093.BVM
Fiber Tool: WST.KI.125.34
Fiber Tool 2: DCB.91.119.0TN

Cables

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

LEMO:

[FGW.3K.93C.CLMT56Z](#)