

SUMMARY



Wires

Low	0
High	0
Coax	0
Triax	1
Quad	0
Fiber	0
Fluidic	0
Material	Brass

Series	0S
Termination type	Male solder
IP rating	50
Cable Ø (mm)	2.30 - 3.20
Wire size / AWG	0.00 - 0.00

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet and nut for fitting a bend relief
Keying	Circular (can rotate), plug has male contact(s)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	L32: 2.3 - 3.2 mm
Variant	Z : Nut for fitting a bend relief

Performance

Configuration	0S.650 : 1 Triax (50 Ohm)
Insulator	L: PEEK
Rated Current	6

Specifications

Contact Type:	Triaxial 50 Ohm (Solder)
Max. Matings:	1000
Contact Dia.:	0.9 mm (0.035" in)
Vtest:	1200 V (AC), 1700 V (DC)
Impedance:	50 Ohm
VSWR:	1.03 + 0.34 * f /GHz
Cable type:	RGT 178, RGT 174

Others

Endurance (Shell):	5000 mating cycles
Temp (min):	-55 C
Temp (max):	+250 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): 75 dB (10 MHz)
 Shielding (min): 40 dB (1 GHz)
 IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	L	M	S2
mm.	9	34.5	24.5	7
in.	0.35	1.36	0.96	0.28

RECOMMENDED BY LEMO

Tools

None

Cables

Mouser Electronics

Authorized Distributor

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

[LEMO:](#)

[FFA.0S.650.CLAL32Z](#)