

## SUMMARY



### # Wires

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

Series	OS
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	L27: 2.3 - 3.2 mm
Variant	Z : Nut for fitting a bend relief

### Performance

Configuration	OS.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)  
V<sub>test</sub>: 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