

## SUMMARY

### # Wires

Triax 1



*Image is for illustrative purpose only*

Series 1S  
Termination type Female solder  
IP rating 50  
AWG wire size 0.00 - 0.00  
Cable Ø 1.20 - 8.70 mm  
Status active  
Matching parts [FFA.1S.650.CLAC47](#)

### Download

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model ERA\*: Fixed receptacle, nut fixing  
Keying Circular, female  
Housing Material Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces  
Weight 9.19 g

### Performance

Configuration 1S.650 : 1 Triax (50 Ohm)  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 6 Amps

### Specifications

Contact Type: Triaxial 50 Ohm (Solder)  
Contact Dia.: 0.9 mm (0.034in)  
Vtest: 1200 V (AC), 1700 V (DC)  
Impedance: 50 Ohm  
VSWR: 1.01 + 0.17 \* f /GHz  
Cable type: RGT 178, RGT 174, Belden 9222

### Others

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Endurance (Shell): 5000 mating cycles  
 Temp (min / max): -55°C / +250°C  
 Humidity (max): <=95% [at 60 deg C / 140 F]  
 Vibration: 15 g [10 Hz - 2000 Hz]  
 Shock Resistance: 100 g [ 6 ms]  
 Climatical Category: 50/175/21  
 Shielding (min): 75 dB (10 MHz)  
 Shielding (min): 40 dB (1 GHz)  
 Salt Spray Corrosion: >1000 hr

## DRAWINGS

### Draws



### Dimensions

	A	B	E	L	M	S1	S3	e
mm.	14	16	7	23	1.5	10.5	14	M12x1.0
in.	0.55	0.63	0.28	0.91	0.06	0.41	0.55	

## RECOMMENDED BY LEMO

### Tools

### Cables

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