

## SUMMARY

### # Wires

Coax	1
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*Image is for illustrative purpose only*

Series	1S
Termination type	Female solder Coaxial
IP rating	50
AWG wire size	0.00 - 0.00
Cable Ø	5.20 - 6.20 mm
Status	active
Matching parts	<a href="#">FFA.1S.250.CTAC62</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PSA*: Fixed receptacle, nut fixing, cable collet
Keying	Circular, female
Housing Material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Weight	16.02 g

### Performance

Configuration	1S.250 : 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated Current	12 Amps

### Specifications

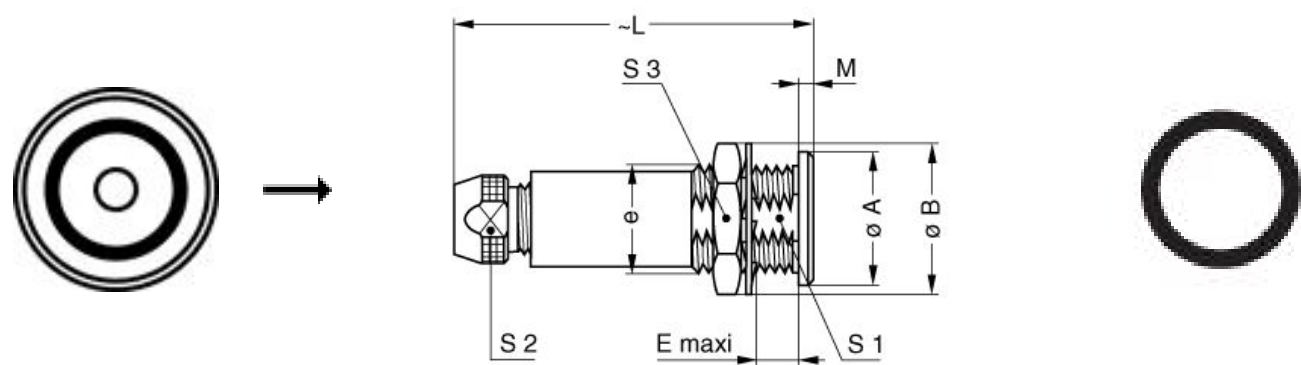
Contact Type: Coaxial 50 Ohm (Solder)
Contact Dia.: 1.6 mm (0.063in)
Bucket Dia.: 1.4 mm (0.055in)
Vtest: 3000 V (AC), 4200 V (DC)
Impedance: 50 Ohm
VSWR: 1.01 + 0.23 * f /GHz
Cable type: RG 178 B/U, RG 196 A/U, RG 188 A/U, RG 316 B/U, RG 174 A/U, HF-2114, RG 122 /U

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Others

- 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: >144 hr

DRAWINGS



Dimensions

	A	B	C	E	L	M	S1	S2	S3	e
mm.	14	16	6.2	7.5	40.5	1.5	10.5	8.5	14	M12x1.0
in.	0,55	0,63	0,24	0,30	1,59	0,06	0,41	0,33	0,55	

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.1S.015.PA085](#)

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Cables

159580	PVC	Black	
62000	PVC	Black	
CCX.50.080.297538N	PVC	Black	
CCX.50.RG0.58AU61J	PVC	Yellow	
CCX.75.RG0.59BU62N	PVC	Black	
CCX.93.RG0.62AU62N	PVC	Black	

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