

## SUMMARY

### # Wires

Coax 1



*Image is for illustrative purpose only*

Series 1E  
Termination type Male solder Coaxial  
IP rating 68 when mated  
AWG wire size 0.00 - 0.00  
Cable Ø 2.10 - 2.50 mm  
Status active  
Matching parts [ERA.1E.250.CTL](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FFA\*: Straight plug, cable collet and nut for fitting a bend relief  
Keying Circular, male  
Housing Material Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces  
Variant Z : Nut for fitting a bend relief  
Weight 24.84 g

### Performance

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

### Specifications

Contact Type: Coaxial 50 Ohm (Solder)  
Contact Dia.: 0.9 mm (0.035in)  
Bucket Dia.: 1 mm (0.039in)  
Vtest: 3000 V (AC), 4200 V (DC)  
Impedance: 50 Ohm  
VSWR: 1.01 + 0.23 \* f /GHz

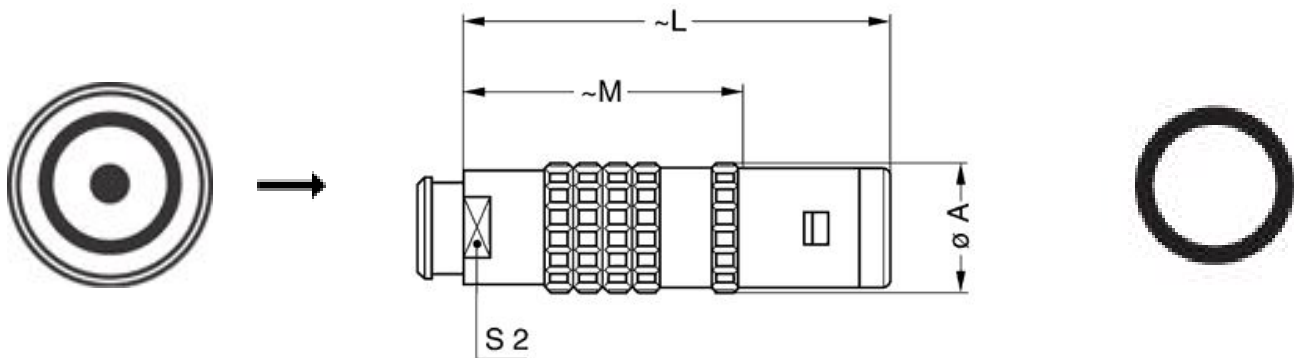
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Cable type: RG 178 B/U, RG 196 A/U, RG 188 A/U, RG 316 B/U, RG 174 A/U, HF-2114, RG 122 /U

## Others

Endurance (Shell): 5000 mating cycles  
Temp (min / max): -55°C / +200°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): 95 dB (10 MHz)  
Shielding (min): 80 dB (1 GHz)  
Salt Spray Corrosion: >1000 hr

## DRAWINGS



## Dimensions

	A	L	M	S2
mm.	13	42	28	9
in.	0,51	1,65	1,10	0,35

## RECOMMENDED BY LEMO

### Tools

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Spanner wrench: [DCD.1E.ZZZ.PA090](#)

Caps: [BFA.1E.100.NAS](#)

## Cables

CCX.50.RG0.58AU14B	FEP	White	
CCX.50.RG1.88AU24B	TFE	White	

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