

## SUMMARY

### # Wires

Coax 1



*Image is for illustrative purpose only*

Series 1S  
Termination type Male solder Coaxial  
IP rating 50  
AWG wire size 0.00 - 0.00  
Cable Ø 7.20 - 8.20 mm  
Status active  
Alternative part [FFA.1S.275.CTAK82](#)  
Matching parts [ERA.1S.275.CTL](#)

### Download

[Request a quote](#)

[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FFA\*: Straight plug with oversize cable collet  
Keying Circular, male  
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 26.69 g

### Performance

Configuration 1S.275 : 1 Coax (75 Ohm)  
Insulator T: PTFE  
Rated Current 10 Amps

### Specifications

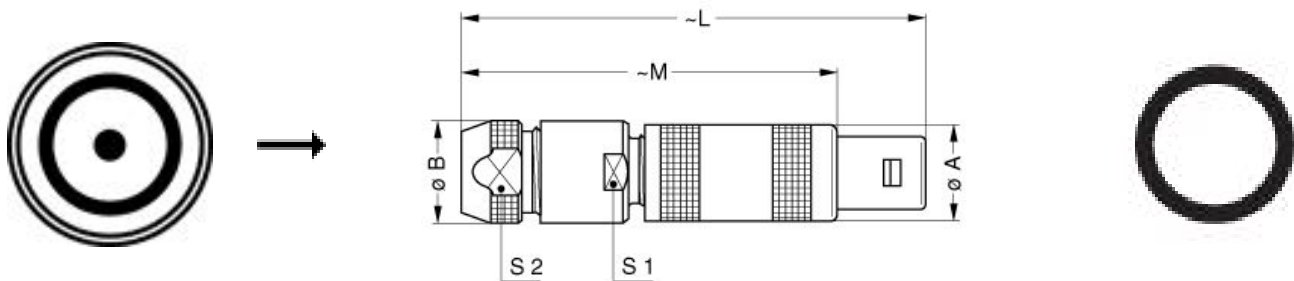
Contact Type: Coaxial 75 Ohm (Solder)  
Contact Dia.: 1.3 mm (0.0512in)  
Bucket Dia.: 1.1 mm (0.0432in)  
Vtest: 2400 V (AC), 3300 V (DC)  
Impedance: 75 Ohm  
VSWR: 1.02 + 0.08 \* f/GHz  
Cable type: RG 179 B/U, RG 187 A/U, RG 58 C/U, RG 302 /U, RG 400 /U, 2YCCY, RG 59 B/U, RG 223 /U, HF-5408

*LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.*

## 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	L	M	S1	S2
mm.	12	13	57	46	12	11
in.	0,47	0,51	2,24	1,81	0,47	0,43

## RECOMMENDED BY LEMO

### Tools

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

*LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.*

## Cables

*LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.*