

## SUMMARY

### # Wires

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



*Image is for illustrative purpose only*

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Series	1S
Termination type	Male solder
IP rating	50
Cable Ø	4.20 - 5.20 mm
Matching parts	ERA.1S.275.CTL
Status	active
Alternative part	

## 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	C52: 4.2 - 5.2 mm
Variant	Z : Nut for fitting a bend relief

### Performance

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

### Specifications

Contact Type: Coaxial 75 Ohm (Solder)
Max. Matings: 1000
Contact Dia.: 1.3 mm (0.0512in)

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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

## 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]

Salt Spray Corrosion: >144 hr

Climatical Category: 50/175/21

Shielding (min): 75 dB (10 MHz)

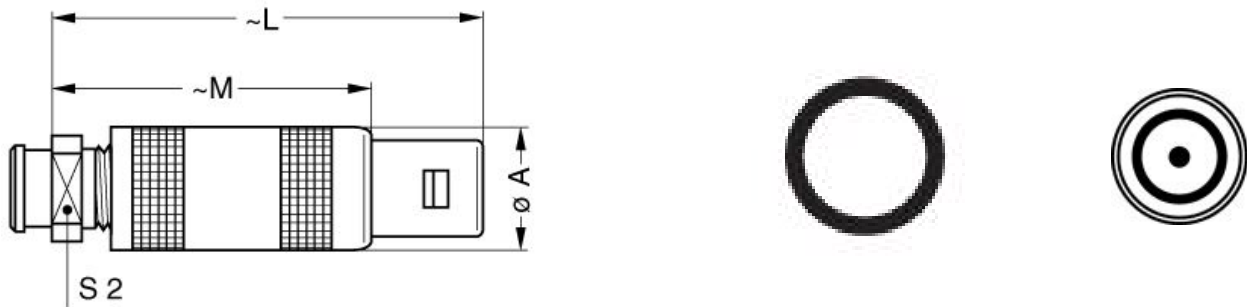
Shielding (min): 40 dB (1 GHz)

IP Rating: 50

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## DRAWINGS

### Draws



### Dimensions

	A	L	M	S2
mm.	12	42.5	31.5	9
in.	0,47	1,67	1,24	0,35

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## RECOMMENDED BY LEMO

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## Tools

Spanner wrench: DCD.1B.015.PA090

## Cables

158 480	PUR	Black	
158 490	PVC	Black	
CCX.50.088.292495N	PVC	Black	
CCX.50.RG5.8CU50N	PVC	Black	

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