

SUMMARY

Wires

Coax	1
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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	4.20 - 5.20 mm
Status	active
Matching parts	ERA.1S.275.CTL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FLA*: Elbow plug, cable collet and nut for fitting a bend relief
Keying	Circular, male
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Variant	Z : Nut for fitting a bend relief
Weight	25.46 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

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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

Draws



Dimensions


	A	H	L	M	S1	S2
mm.	16	28.5	26.5	15.5	10	8.5
in.	0.63	1.12	1.04	0.61	0.39	0.33

RECOMMENDED BY LEMO

Tools

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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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