

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	2.20 - 3.20 mm
Status	active
Matching parts	ERA.1S.250.CLL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet
Keying	Circular, male
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Weight	18.17 g

Performance

Configuration	1S.250 : 1 Coax (50 Ohm)
Insulator	L: PEEK (UL 94 / V-0/1.5)
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

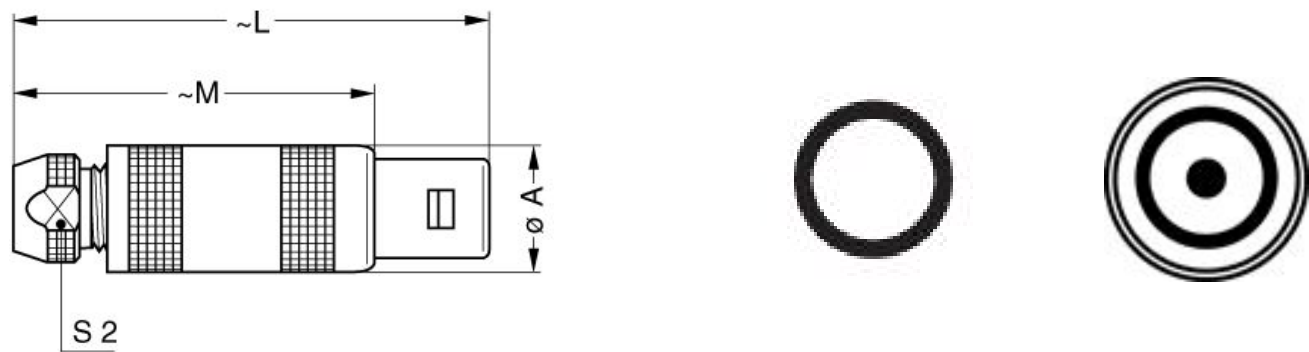
Others

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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	L	M	S2
mm.	12	42.5	31.5	8.5
in.	0.47	1.67	1.24	0.33






RECOMMENDED BY LEMO

Tools

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

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Cables

CCN.50.051.1529NMC			
017 420	PVC	Black	
017 450	COPOLYMER	Black	
018 700	PTFE	White	
018 800	PTFE	White	
031 600	PTFE	Brown	
CCX.50.RG0.58AU14B	FEP	White	
CCX.50.RG1.74-U25N	PVC	Black	
CCX.50.RG1.74AU28N	PVC	Black	
CCX.50.RG1.74AU28N	PVC	Black	
CCX.50.RG1.74U25N	PVC	Black	
CCX.50.RG1.88AU24B	TFE	White	
CCX.50.RG1.88AU26B	PFA	White	
CCX.50.RG1.88AU26B	PTFE	White	
CCX.50.RG3.16BU26M	FEP	Brown	
CCX.50.RG3.16U28M	PTFE	Brown	
CCX.75.RG1.79BU26M	FEP	Brown	
CCX.75.RG1.87AU26B	PFA	White	
CCX.75.RG1.87AU27B	PTFE	White	

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