

SUMMARY

Wires

Coax	1
Series	00
Termination type	Male solder
IP rating	50
AWG wire size	0.00 - 0.00
Cable Ø	1.80 - 2.20 mm
Status	active
Matching parts	ERA.00.250.NTL



Image is for illustrative purpose only

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFA*: Straight plug with cable collet and nut for fitting a bend relief
Keying	Circular, male
Housing Material	Brass (nickel plated [SAE AMS QQ N 290]) shell, collet nut, latch sleeve and mid pieces
Variant	Z : Nut for fitting a bend relief
Weight	3.80 g

Performance

Configuration	00.250 : 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated Current	4 Amps

Specifications

Contact Type: Coaxial 50 Ohm (Solder)
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.6 mm (0.024in)
Test voltage: 2.1 kV (rms)
R (max): 6.1 mOhm
Vtest: 2100 V (AC), 3000 V (DC)
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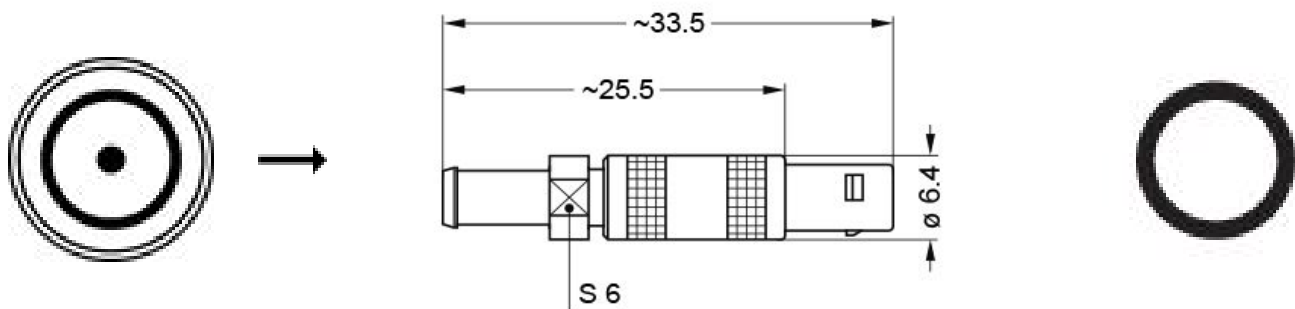
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Impedance: 50 Ohm
VSWR: $1.09 + 0.11 * f/\text{GHz}$
Cable type: RG 196 A/U - RG 178 B/U - LEMO Germany reference 178 190

Others

Endurance (Shell): 5000 mating cycles
F ret (min): 100 N
Salt Spray Corrosion: >144 hr

DRAWINGS



Dimensions

	A	L	M
mm.	6.4	33.5	25.5
in.	0,25	1,32	1,00

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.00.ZZZ.PA060](#)

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Cables

178190	PTFE	Brown	
196270	PTFE	White	
CCX.50.030.083.180B		White	
CCX.50.RG1.78BU18M	FEP	Brown	
CCX.50.RG1.78BU18M	PTFE	Brown	
CCX.50.RG1.96AU19B	PTFE	White	
CCX.50.RG1.96AU20B	PFA	White	

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