

## 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	<a href="#">ERA.00.250.CTL</a>



Image is for illustrative purpose only

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FFC*: Straight plug with flats on latch sleeve and cable collet and nut for fitting a bend relief
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
Variant	Z : Nut for fitting a bend relief
Weight	3.48 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

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Vtest: 2100 V (AC), 3000 V (DC)

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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

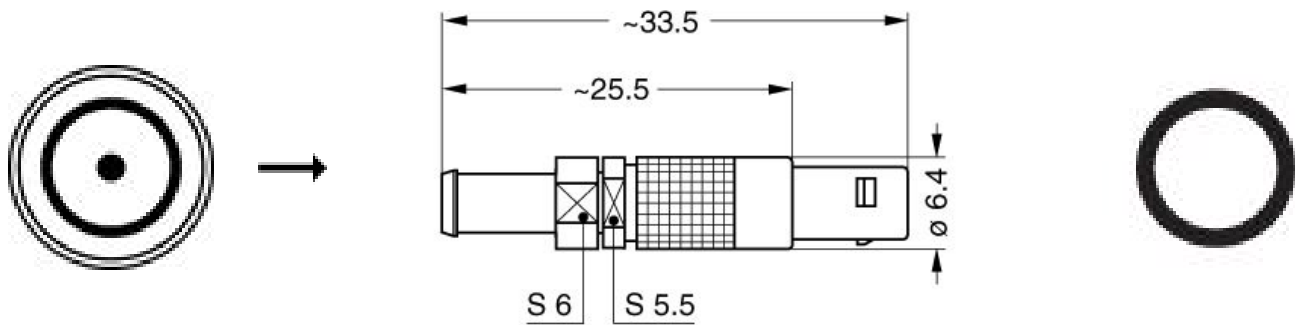
## Others

Endurance (Shell): 5000 mating cycles

F ret (min): 100 N

Salt Spray Corrosion: >1000 hr

## DRAWINGS



## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.00.ZZZ.PA050](#)

### 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	

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CCX.50.RG1.96AU19B	PTFE	White	
CCX.50.RG1.96AU20B	PFA	White	

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