

## 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	00
Termination type	Male solder
IP rating	50
Cable Ø	1.80 - 2.20 mm
Matching parts	ERA.00.250.CTL
Status	active
Alternative part	

## 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 (can rotate)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	C22: 1.8 - 2.2 mm
Variant	Z : Nut for fitting a bend relief
Weight	3.48 g

### Performance

Configuration	0.25 : 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated Current	4 Amps

### Specifications

Contact Type: Coaxial 50 Ohm (Solder)

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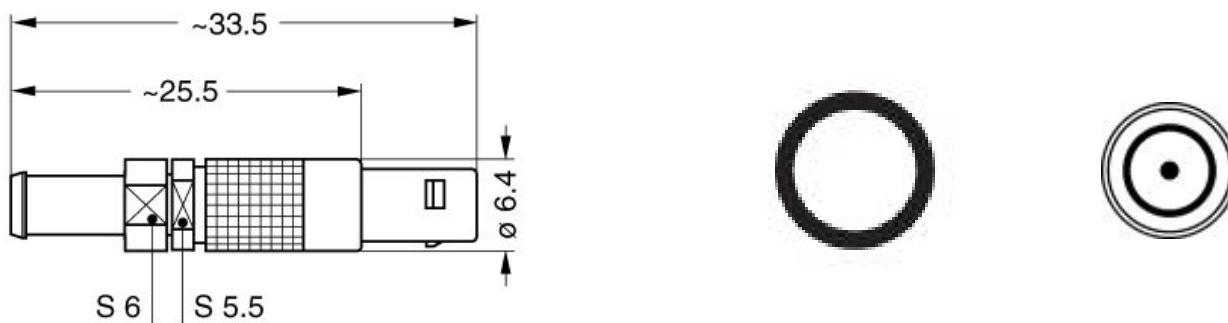
Max. Matings: 5000  
 Contact Dia.: 0.7 mm (0.028in)  
 Bucket Dia.: 0.6 mm (0.024in)  
 Test voltage: 2.1 kV (rms)  
 R (max): 6.1 mOhm  
 Vtest: 2100 V (AC), 3000 V (DC)  
 □  
 Impedance: 50 Ohm  
 VSWR:  $1.09 + 0.11 * f / \text{GHz}$   
 Cable type: RG 196 A/U - RG 178 B/U - LEMO Germany reference 178 190

## Others

Endurance (Shell): 5000 mating cycles  
 F ret (min): 100 N  
 IP Rating: 50

## DRAWINGS

### Draws



### Dimensions

	A	L	M	S1	S2
mm.	6.4	33.5	25.5	5.5	6
in.	0,25	1,32	1,00	0,22	0,24

## RECOMMENDED BY LEMO

### Tools

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## Cables

178 190	PTFE	Brown	
196 270	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	