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# ERA.1S.250.CLL

### SUMMARY

# Wires

Coax 1



Image is for illustrative purpose only

15 **Series** 

Female solder Coaxial Termination type

IP rating 50

AWG wire size 0.00 - 0.00Cable Ø 0.00 - 0.00 mm

**Status** active

Matching parts FFA.1S.250.CLAC32

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### **TECHNICAL DETAILS**

#### **Mechanics**

Shell Style/Model ERA\*: Fixed receptacle, nut fixing

Keying Circular, female

Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] **Housing Material** 

brass latch sleeve and mid pieces

Weight 8.29 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

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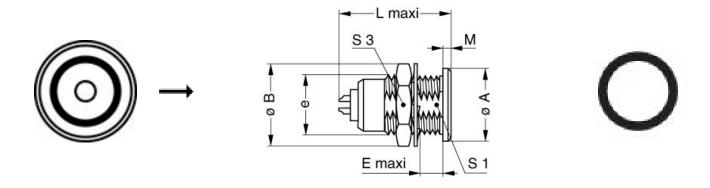
#### **Others**

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: >1000 hr

## **DRAWINGS**



#### **Dimensions**

	А	В	E	L	M	<b>S</b> 1	<b>S</b> 3	e
mm.	14	16	7.5	21	1.5	10.5	14	M12x1.0
in.	0,55	0,63	0,30	0,83	0,06	0,41	0,55	

## **RECOMMENDED BY LEMO**

#### **Tools**

Spanner wrench: Socket for torque wrench DCM.1S.M12.4

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#### **Cables**

158480	PUR	Black	
158490	PVC	Black	
159580	PVC	Black	
17420	PVC	Black	
17450	COPOLYMER	Black	
178190	PTFE	Brown	***************************************
18000	PTFE	Brown	-100 000
18700	PTFE	White	- = m -
18800	PTFE	White	500.000
196270	PTFE	White	
311100	PVC	Black	
31600	PTFE	Brown	
62000	PVC	Black	
CCX.50.030.083.180B		White	
CCX.50.080.297538N	PVC	Black	
CCX.50.088.292495N	PVC	Black	
CCX.50.RG0.58AU14B	FEP	White	
CCX.50.RG0.58AU61J	PVC	Yellow	
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.RG1.78BU18M	FEP	Brown	
CCX.50.RG1.78BU18M	PTFE	Brown	
CCX.50.RG1.88AU24B	TFE	White	
CCX.50.RG1.88AU26B	PFA	White	
CCX.50.RG1.88AU26B	PTFE	White	
CCX.50.RG1.96AU19B	PTFE	White	
CCX.50.RG1.96AU20B	PFA	White	
CCX.50.RG3.16BU26M	FEP	Brown	
CCX.50.RG3.16U28M	PTFE	Brown	
CCX.50.RG5.8CU50N	PVC	Black	
CCX.75.040.195327G	PVC	Grey	
CCX.75.RG0.11AU10N	PVC	Black	
CCX.75.RG0.59BU62N	PVC	Black	

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CCX.75.RG1.79BU26M CCX.75.RG1.87AU26B	FEP PFA	Brown White	
CCX.75.RG1.87AU27B	PTFE	White	-c b-
CCX.93.RG0.62AU62N	PVC	Black	
CCX.95.RG1.80BU36M	PTFE	Brown	-1100
CCX.95.RG1.95AU37B	PFA	White	

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