

SUMMARY

Wires

Coax	1
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Image is for illustrative purpose only

Series	1E
Termination type	Female solder Coaxial
IP rating	68
AWG wire size	0.00 - 0.00
Cable Ø	3.10 - 3.50 mm
Status	active
Matching parts	FFA.1E.250.CTAC35

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PSA*: Fixed receptacle, nut fixing, cable collet
Keying	Circular, female
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Variant	Z : Nut for fitting a bend relief

Performance

Configuration	1E.250 : 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated Current	12 Amps

Specifications

Contact Type: Coaxial 50 Ohm (Solder)
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 1 mm (0.039in)
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 / +200°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): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS

Draws



Dimensions

	A	B	E	L	M	S1	S2	S3	e
mm.	20	21.5	9	45	4.5	14.5	9	19	M16x1.0
in.	0.79	0.85	0.35	1.77	0.18	0.57	0.35	0.75	

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.1E.008.PA090](#)

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Cables

CCX.75.040.195327G	PVC	Grey	
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