

SUMMARY

Wires

Low	0
High	0
Coax	1
Triax	0
Quad	0
Fiber	0
Fluidic	0

Series	1E
Termination type	Female solder
IP rating	68
Cable Ø	4.60 - 5.00 mm
Matching parts	FFA.1E.250.CLAC50
Status	active
Alternative part	



Image is for illustrative purpose only

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PSA*: Fixed receptacle, nut fixing, cable collet
Keying	Circular (can rotate), plug has male contact(s)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	∅ 4.6 - 5 mm
Variant	
Weight	35.32 g

Performance

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

Specifications

Contact Type:	Coaxial 50 Ohm (Solder)
Max. Matings:	1000
Contact Dia.:	0.9 mm (0.035in)

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Bucket Dia.: 1 mm (0.039in)
 Vtest: 3000 V (AC), 4200 V (DC)
 Impedance: 50 Ohm
 VSWR: $1.01 + 0.23 * f/\text{GHz}$
 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

Endurance (Shell): 5000 mating cycles
 Temp (min / max): $-55^{\circ}\text{C} / +200^{\circ}\text{C}$
 Humidity (max): $\leq 95\%$ [at $60^{\circ}\text{C} / 140^{\circ}\text{F}$]
 Vibration: 15 g [10 Hz - 2000 Hz]
 Shock Resistance: 100 g [6 ms]
 Salt Spray Corrosion: >1000 hr
 Climatical Category: 50/175/21
 Shielding (min): 95 dB (10 MHz)
 Shielding (min): 80 dB (1 GHz)
 IP Rating: 68

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	


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RECOMMENDED BY LEMO

Tools

Spanner wrench: DCD.1E.008.PA090

Cables

158 480	PUR	Black	
158 490	PVC	Black	
CCX.50.088.292495N	PVC	Black	
CCX.50.RG5.8CU50N	PVC	Black	

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