

SUMMARY

Wires

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



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Series	3E
Termination type	Female solder
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	FFA.3E.250.CLAC10

TECHNICAL DETAILS

Mechanics

Shell Style/Model	ERA*: Fixed receptacle, nut fixing
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	Ø 0 - 0 mm
Variant	

Performance

Configuration	3E.250 : 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated Current	26 Amps

Specifications

Contact Type: Solder
Vtest: 3000 V (AC), 4200 V (DC)
Impedance: 50 Ohm
VSWR: $1.06 + 0.5 * f / \text{GHz}$
Cable type: RG 213/U, RG 115 A/U, RG 11 A/U, RG 144/U, RG 165 /U

Others

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]
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	S3	e
mm.	31	34	11	34	6	22.5	30	M24x1.0
in.	1,22	1,34	0,43	1,34	0,24	0,89	1,18	

RECOMMENDED BY LEMO

Tools

None

Cables