

SUMMARY

Wires

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



Image is for illustrative purpose only

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Series	1E
Termination type	Male solder
IP rating	68
Cable Ø	7.10 - 7.50 mm
Status	active
Alternative part	
Matching parts	ERA.1E.650.CTL

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFA*: Straight plug with oversize cable collet and nut for fitting a bend relief
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
Variant	Z : Nut for fitting a bend relief
Weight	34.26 g

Performance

Configuration	1E.650 : 1 Triax (50 Ohm)
Insulator	T: PTFE
Rated Current	6 Amps

Specifications

Contact Type: Solder
Vtest: 1200 V (AC), 1690 V (DC)
Impedance: 50 Ohm
VSWR: $1.01 + 0.17 * f/\text{GHz}$

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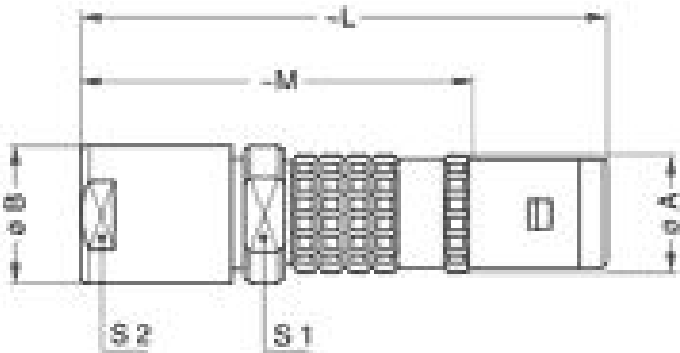
Cable type: RGT 178, RGT 174,Belden 9222

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]
- Climatical Category: 50/175/21
- Shielding (min): 95 dB (10 MHz)
- Shielding (min): 80 dB (1 GHz)
- Salt Spray Corrosion: >1000 hr
- IP Rating: 68

DRAWINGS

Draws



Dimensions

	A	L	M	S2
mm.	13	42	28	9
in.	0,51	1,65	1,10	0,35

RECOMMENDED BY LEMO

Tools

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Spanner wrench: DCD.1E.008.PA090
Caps: BFA.1E.100.NAS

Cables

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