

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	0S
Termination type	Female solder
IP rating	50
Cable Ø	3.30 - 3.70 mm
Status	active
Alternative part	
Matching parts	ERA.0S.650.CTA

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet and nut for fitting a bend relief
Keying	Circular (can rotate), plug has female 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	8.47 g

Performance

Configuration	0S.650 : 1 Triax (50 Ohm)
Insulator	T: PTFE
Rated Current	6 Amps

Specifications

Contact Type: Triaxial 50 Ohm (Solder)
Max. Matings: 1000
Contact Dia.: 0.9 mm (0.035" in)
Vtest: 1200 V (AC), 1700 V (DC)

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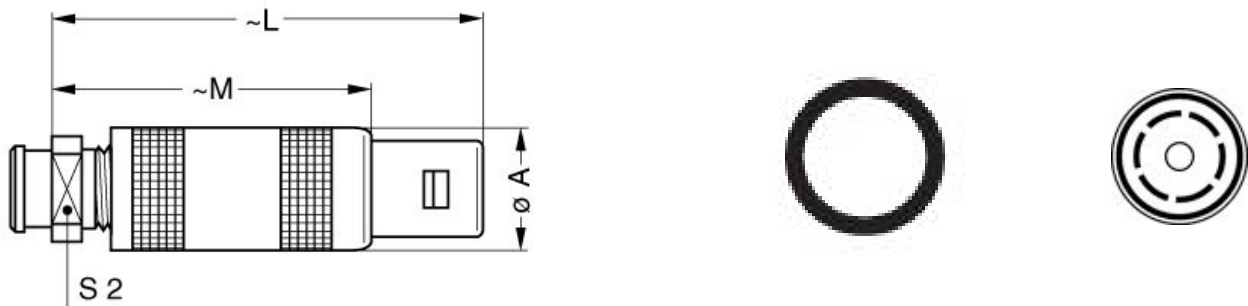
Impedance: 50 Ohm
VSWR: $1.03 + 0.34 * f/\text{GHz}$
Cable type: RGT 178, RGT 174

Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): $-55^{\circ}\text{C} / +250^{\circ}\text{C}$
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]
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Salt Spray Corrosion: >144 hr
IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	L	M	S2
mm.	9	34.5	24.5	7
in.	0,35	1,36	0,96	0,28

RECOMMENDED BY LEMO

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Tools

Spanner wrench: DCD.OS.005.PA065

Cables

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