

## SUMMARY



*Image is for illustrative purpose only*

### # Wires

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

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Series	1S
Termination type	Female solder
IP rating	50
Cable Ø	5.20 - 6.20 mm
Matching parts	ERA.1S.650.CTA
Status	
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet
Keying	
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	C62: 5.2 - 6.2 mm
Variant	

### Performance

Configuration	1S.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 (0.034in)
Vtest:	1200 V (AC), 1700 V (DC)
Impedance:	50 Ohm
VSWR:	1.01 + 0.17 * f /GHz

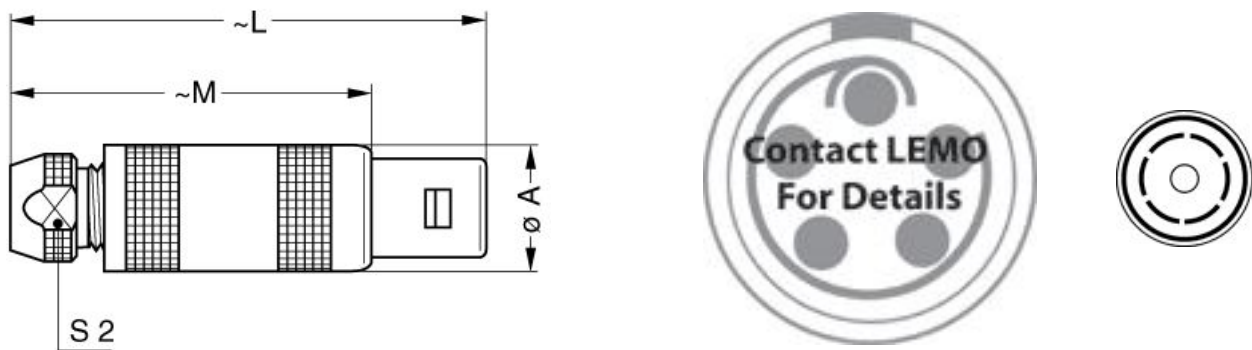
Cable type: RGT 178, RGT 174, Belden 9222

## Others

Endurance (Shell): 5000 mating cycles  
Temp (min / max): -55°C / +250°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: >144 hr  
Climatical Category: 50/175/21  
Shielding (min): 75 dB (10 MHz)  
Shielding (min): 40 dB (1 GHz)  
IP Rating: 50

## DRAWINGS

### Draws



### Dimensions

	A	C	L	M	S2
mm.	12	6.2	42.5	31.5	8.5
in.	0,47	0,24	1,67	1,24	0,33

## RECOMMENDED BY LEMO

### Tools

Spanner wrench: DCD.1S.015.PA085

### Cables

