

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 | 1S |
| Termination type | Male solder |
| IP rating | 50 |
| Cable Ø | 5.20 - 6.20 mm |
| Matching parts | ERA.1S.650.CTL |
| Status | |
| Alternative part | |

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | FFA*: Straight plug, 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 |
| Cable Fixing | C62: 5.2 - 6.2 mm |
| Variant | Z : Nut for fitting a bend relief |

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 (0.035in) |
| Vtest: | 1200 V (AC), 1700 V (DC) |
| Impedance: | 50 Ohm |
| VSWR: | 1.01 + 0.17 * f/GHz |

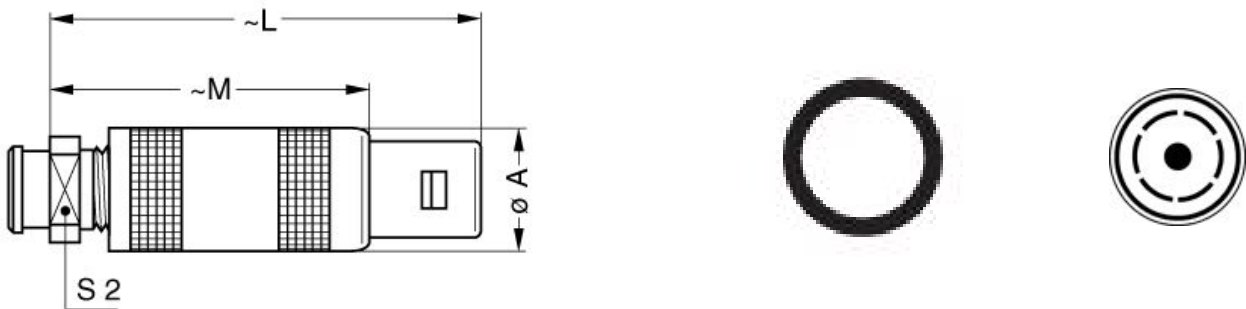
Cable type: RGT 178, RGT 174, Belden 9222

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 | L | M | S2 |
|-----|------|------|------|------|
| mm. | 12 | 42.5 | 31.5 | 9 |
| in. | 0,47 | 1,67 | 1,24 | 0,35 |

RECOMMENDED BY LEMO

Tools

Spanner wrench: DCD.1B.015.PA090

Cables

