

## SUMMARY

### # Wires

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



*Image is for illustrative purpose only*

### Download

[Request a quote](#)

[Catalog](#)

Series	3S
Termination type	Male solder
IP rating	50
Cable Ø	9.60 - 10.00 mm
Matching parts	ERA.3S.275.CTL
Status	NRND
Alternative part	FFA.3S.275.CTAC11

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet
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	C10: 9.6 - 10 mm
Variant	

### Performance

Configuration	3S.275 : 1 Coax (75 Ohm)
Insulator	T: PTFE
Rated Current	15 Amps

### Specifications

Contact Type: Coaxial 75 Ohm (Solder)
Max. Matings: 1000
Contact Dia.: 2 mm (0.0787in)
Bucket Dia.: 1.8 mm (0.0708in)
Vtest: 2700 V (AC), 3900 V (DC)
Impedance: 75 Ohm

VSWR:  $1.04 + 0.05 \cdot f/\text{GHz}$

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):  $-55^{\circ}\text{C} / +250^{\circ}\text{C}$

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]

Salt Spray Corrosion: >144 hr

Climatical Category: 50/175/21

Shielding (min): 75 dB (10 MHz)

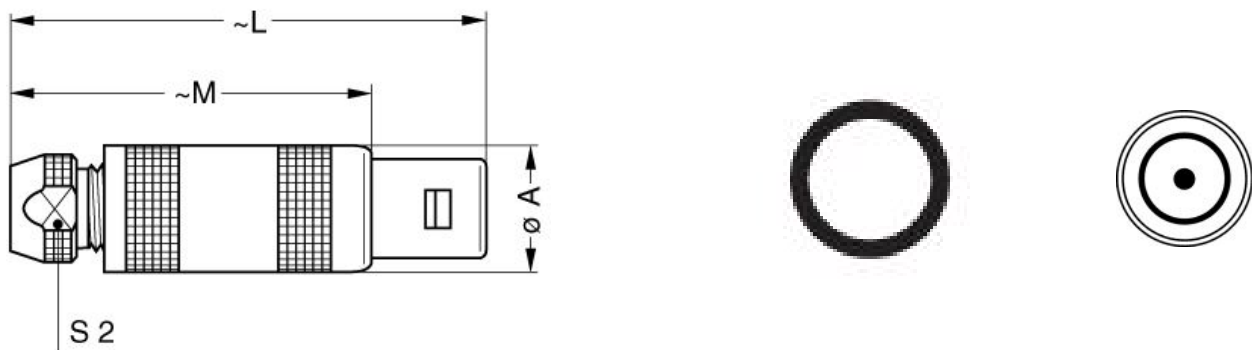
Shielding (min): 40 dB (1 GHz)

IP Rating: 50

---

## DRAWINGS

### Draws



### Dimensions

	A	L	M	S2
mm.	17.8	61	46	14
in.	0,70	2,40	1,81	0,55

---

## RECOMMENDED BY LEMO

### Tools

Spanner wrench: MTZ.3S.500.014

