

SUMMARY



Image is for illustrative purpose only

Wires

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

Download

[Request a quote](#)

[Catalog](#)

Series	3S
Termination type	Female solder
IP rating	50
Cable Ø	0.00 - 0.00 mm
Matching parts	FFA.3S.650.CTAC10
Status	active
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	ERA*: Fixed receptacle, nut fixing
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	∅ 0 - 0 mm
Variant	
Weight	27.78 g

Performance

Configuration	3S.650 : 1 Triax (50 Ohm)
Insulator	T: PTFE
Rated Current	15 Amps

Specifications

Contact Type:	Triaxial 50 Ohm (Solder)
Max. Matings:	1000
Contact Dia.:	2 mm (0.079in)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Vtest: 1200 V (AC), 1700 V (DC)

Impedance: 50 Ohm

VSWR: $1.01 + 0.27 * f/\text{GHz}$

Cable type: Belden 9222,8215,8232A,HF-2426, Triax 8 Nokia,375 029 LEDE, Belden 9267

Others

Endurance (Shell): 5000 mating cycles

Temp (min / max): $-55^{\circ}\text{C} / +250^{\circ}\text{C}$

Humidity (max): $\leq 95\%$ [at 60 deg C / 140 F]

Vibration: 15 g [10 Hz - 2000 Hz]

Shock Resistance: 100 g [6 ms]

Salt Spray Corrosion: >1000 hr

Climatical Category: 50/175/21

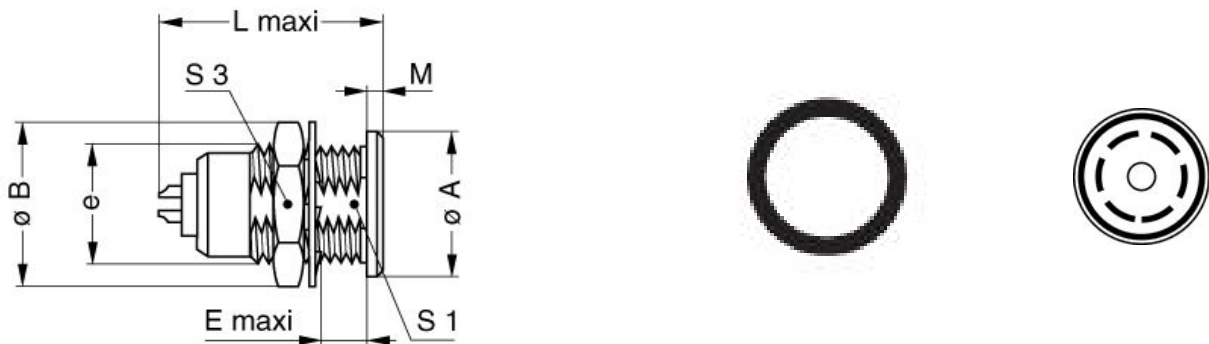
Shielding (min): 75 dB (10 MHz)

Shielding (min): 40 dB (1 GHz)

IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	B	E	L	M	S1	S3	e
mm.	22	25.2	11.5	29	2	16.5	22	M18x1.0
in.	0,87	0,99	0,45	1,14	0,08	0,65	0,87	

RECOMMENDED BY LEMO

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Tools

None

Cables

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.