



## Summary

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Triax	1
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	9.10 - 9.50 mm
Matching parts	<a href="#">ERA.3E.675.CTL</a>
Series	E - Outdoor Stepped Insert

## Technical details

### Electrical Configuration

Triax	1
Contact Termination Triax	Solder
Insert configuration value	3E.675 - 1 Triax (75 Ohm)
Insulator	T: PTFE
Rated current	6 Amps
Impedance	75 Ohm
VSWR	$1.02 + 0.05 * f/\text{GHz}$
Vtest	1200 V (AC), 1690 V (DC)
Contact Type	Triaxial 75 Ohm (Solder)
Cable type	Belden 8215,8232A,HF-2426,Triax 8 Nokia,375 029 LEDE, Belden 9267
Contact Dia.	0.9 mm (0.035in)

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/ffa-3e-675-ctac95.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/ffa-3e-675-ctac95.html)

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## Form & Material

Shell style / Model id	FFA - Straight plug, cable collet
Plug	Straight
Housing material	Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Push-pull
Keying	Circular, male
Weight	69.47 g

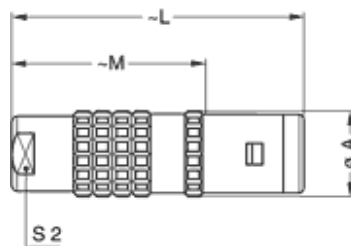
## Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental protection	IP68
Minimal temperature	-55°C / +200°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 dB (1 GHz)
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	9.10 - 9.50 mm

## Drawings



[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/ffa-3e-675-ctac95.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/ffa-3e-675-ctac95.html)

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## Dimensions

	<b>S2</b>	<b>A</b>	<b>L</b>	<b>M</b>
mm.	15	19	61	41
in.	0.59	0.75	2.4	1.61

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