



## Summary

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Nb of contacts Triax	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	6.10 - 6.50 mm
Size	2E
Suggested matching part	<a href="#">FFA.2E.675.CTAC65</a>
Series	E - Outdoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/psa-2e-675-ctlc65.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/psa-2e-675-ctlc65.html)

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# Technical details

## Electrical Configuration

Nb of contacts Triax	1
Contact Termination Triax	Solder
Insert configuration value	2E.675 - 1 Triax (75 Ohm)
Insulator	T: PTFE
Rated current	6 A
Impedance	75 Ohm
VSWR	1.02 + 0.07 * f/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, RGT 179
Contact Dia.	0.9 mm (0.035in)

## Form & Material

Shell style / Model id	PSA - Fixed receptacle, nut fixing, cable collet
Socket / Receptacle	Fixed Panel Front Mounted
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, female
Weight	62.33 g

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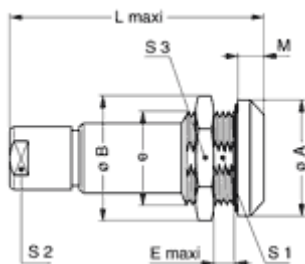
## Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-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]	6.10 - 6.50 mm

## Drawings



## Dimensions

	<b>A</b>	<b>B</b>	<b>e</b>	<b>E</b>	<b>L</b>	<b>M</b>	<b>S1</b>	<b>S2</b>	<b>S3</b>
mm.	25	27.5	M20x1.0	9	54	5	18.5	12	24
in.	0.98	1.08		0.35	2.13	0.2	0.73	0.47	0.94

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