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Summary

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Nb of contacts Triax	1
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.60 - 4.00 mm
Size	2E
Suggested matching part	ERA.2E.675.CLL
Series	E - Outdoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/ffa-2e-675-clac40.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	L: PEEK (UL 94 / V-0/1.5)
Rated current	6 A
Impedance	75 Ohm
OHM	75
VSWR	$1.02 + 0.07 * f/\text{GHz}$
Vtest	1200 V (AC), 1690 V (DC)
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	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
Colour	Grey
Weight	42.66 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 (max. temperature valid for short periods of use.)
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]	3.60 - 4.00 mm

Recommended By Lemo

Accessories

Compatible cap	BFA.2E.100.NAS
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