



Summary

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Triax	1
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	12.90 - 13.50 mm
Size	3E
Matching parts	ERA.3E.675.CTL
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/GHz
Vtest	1200 V (AC), 1690 V (DC)
Contact Type	Triaxial 75 Ohm (Solder)
Cable type	Cable type: A Belden 8215,8232A,HF-2426,Triax 8 Nokia,375 029 LEDE, Belden 9267 S
Contact Dia.	0.9 mm (0.035in)

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/ffa-3e-675-ctak13.html

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Form & Material

Shell style / Model id	FFA - Straight plug with oversize 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	111.6 g

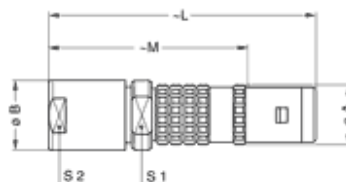
Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental protection (IP rating)	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]	12.90 - 13.50 mm

Drawings



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Dimensions

	A	B	M	S1	S2	L
mm.	19	22	60	19	19	80
in.	0.75	0.87	2.36	0.75	0.75	3.15

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