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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]	6.60 - 7.00 mm
Size	1E
Suggested matching part	PSA.1E.650.CTWK70Z
Series	E - Outdoor Stepped Insert

Technical details

Electrical Configuration

Nb of contacts Triax	1
Contact Termination Triax	Solder
Insert configuration value	1E.650 - 1 Triax (50 Ohm)
Insulator	T: PTFE
Rated current	6 A
OHM	50
Cable type	RGT 178, RGT 174,Belden 9222

Form & Material

Shell style / Model id	FFA - Straight plug with oversize cable collet and nut for fitting a bend relief
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	3 keys (alpha=42, gamma=30, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	36.32 g

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

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/ffa-1e-650-ctwk70z.html

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Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	6.60 - 7.00 mm

Recommended By Lemo

Accessories

Compatible cap	BFA.1E.100.NAS
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Tools

Spanner	DCP.91.023.TN
Spanner wrench	DCD.1E.ZZZ.PA090

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