



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]	1.00 - 12.60 mm
Size	0E
Suggested matching part	FFA.0E.650.TLAC30H
Series	E - Outdoor Stepped Insert

Technical details

Electrical Configuration

Nb of contacts Triax	1
Contact Termination Triax	Solder
Insert configuration value	0E.650 - 1 Triax (50 Ohm)
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	6 A
Impedance	50 Ohm
VSWR	1.03 + 0.34 * f/GHz
Vtest	1200 V (AC), 1690 V (DC)
Contact Type	Solder
Cable type	RGT 178, RGT 174

Form & Material

Shell style / Model id	ERA - Fixed receptacle, nut fixing
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Stainless steel shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Push-pull
Keying	Circular, female
Variant	Viton O-Ring
Weight	12.01 g

Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-20°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]

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/era-0e-650-tllh.html

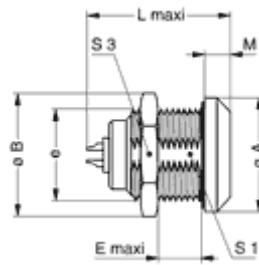
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Cable fixation

Jacket cable outside diameter [mm]

1.00 - 12.60 mm

Drawings



Dimensions

	A	B	e	E	L	L1	M	S1
mm.	18	19.2	M14x1.0	5.5	19.5	20.5	4	12.5
in.	0.71	0.76		0.22	0.77	0.81	0.16	0.49

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