

Standard

*Image for illustrative purpose only*

Summary

[Request a quote](#)[Coax triax mixed en](#)

Nb of contacts Triax	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Panel Drill Hole	M16
Jacket cable outside diameter [mm]	1.30 - 14.60 mm
Size	1E
Suggested matching part	FFA.1E.650.CLAC40
Series	E - Outdoor Stepped Insert

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

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

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
Impedance	50 Ohms
VSWR	$1.01 + 0.17 * f/\text{GHz}$
Vtest	1200 V (AC), 1690 V (DC)
Cable type	RGT 178, RGT 174,Belden 9222

Form & Material

Shell style / Model id	ERA - Fixed receptacle, nut fixing
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
Colour	Grey
Weight	19.91 g
Panel Drill Hole	M16

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

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

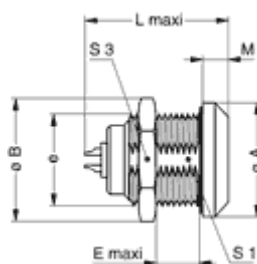
Environment

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.)
Climatic 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

Jacket cable outside diameter [mm]	1.30 - 14.60 mm
------------------------------------	-----------------

Drawings



Dimensions

	A	B	e	E	L	M	S1	S3	L1
mm.	20	21.5	M16x1.0	9	24	4.5	14.5	19	25.3
in.	0.79	0.85		0.35	0.94	0.18	0.57	0.75	1

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

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Recommended By Lemo

Caps	
Compatible cap	BRE.1K.200.NAS
Cap 2	BRE.1K.200.CAS