



Image for illustrative purpose only

Summary

[Request a quote](#)

[Catalog](#)

Nb of contacts Triax	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	9.80 - 10.50 mm
Size	3S
Suggested matching part	FFA.3S.650.CTAC11
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/psa-3s-650-ctlc11.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	3S.650 - 1 Triax (50 Ohm)
Insulator	T: PTFE
Rated current	15 A
Impedance	50 Ohm
OHM	50
VSWR	$1.01 + 0.27 * f/\text{GHz}$
Vtest	1200 V (AC), 1700 V (DC)
Cable type	Belden 9222,8215,8232A,HF-2426,Triax 8 Nokia,375 029 LEDE, Belden 9267
Contact Dia.	2 mm (0.079in)

Form & Material

Shell style / Model id	PSA - Fixed receptacle, nut fixing, cable collet
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	Circular, female
Colour	Grey

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/psa-3s-650-ctlc11.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.

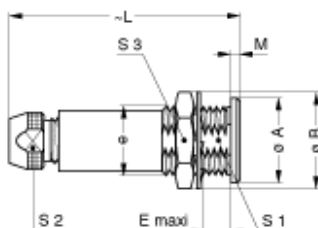
Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 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]	9.80 - 10.50 mm

Drawings



Dimensions

	A	B	e	E	L	M	S1	S2	S3
mm.	22	25.2	M18x1.0	11.5	59	2	16.5	14	22
in.	0.87	0.99		0.45	2.32	0.08	0.65	0.55	0.87

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/psa-3s-650-ctlc11.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

Accessories	
Compatible cap	BRA.3B.200.PCSG
Tools	
Spanner wrench	DCP.91.023.TN