

Summary

[Request a quote](#)

[Catalog](#)

Coax	1
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.10 - 3.50 mm
Size	0E
Matching parts	FFA.0E.250.CTAC35
Series	E - Outdoor Stepped Insert

Technical details

Electrical Configuration

Coax	1
Contact Termination Coax	Solder
Insert configuration value	0E.250 - 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated current	6 Amps
Impedance	50 Ohm
VSWR	1.02 + 0.25 * f/GHz
Vtest	3000 V (AC), 4200 V (DC)
Contact Type	Coaxial 50 Ohm (Solder)
Cable type	Cable type: A RG 178 B/U, RG 196 A/U, RG 188 A/U, RG 316 B/U, RG 174 A/U, HF-2114, RG 122 /U S
Bucket Dia.	1 mm (0.039in)
Contact Dia.	0.9 mm (0.035in)

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/pca-0e-250-ctlc35.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.

Form & Material

Shell style / Model id	PCA - Free receptacle, cable collet
Socket / Receptacle	Free
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
Weight	14.73 g

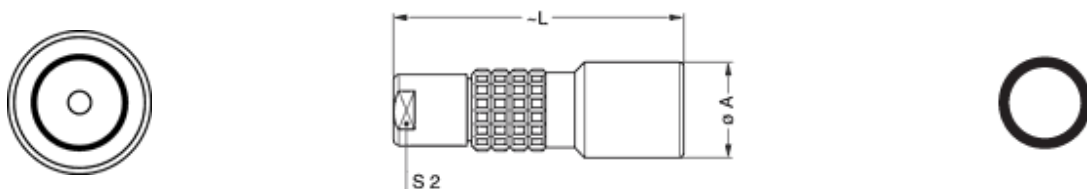
Environment

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]	3.10 - 3.50 mm

Drawings



https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/pca-0e-250-ctlc35.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.

Dimensions

	A	L	S2
mm.	13	34	8
in.	0.51	1.34	0.31

Recommended By Lemo

Accessories

Tools

Spanner wrench

[DCD.0E.ZZZ.PA080](#)

Cables

Cable PartNumber	Material	Colour	Cable image
CCX.75.040.195327G	PVC	Grey	

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/pca-0e-250-ctlc35.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.