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Summary

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[Coax triax mixed en](#)

Nb of contacts Coax	1
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.60 - 6.00 mm
Size	1E
Suggested matching part	FFA.1E.275.CTAC60Z
Series	E - Outdoor Stepped Insert

Technical details

Electrical Configuration

Nb of contacts Coax	1
Contact Termination Coax - Conductor fixing	Solder
Insert configuration value	1E.275 - 1 Coax (75 Ohm)
Footprint IPC Class3 compatibility	No
Insulator	T: PTFE
Rated current	10 A
Impedance	75 Ohms
VSWR	$1.02 + 0.08 * f/\text{GHz}$
Vtest	2400 V (AC), 3300 V (DC)
Cable type	RG 179 B/U, RG 187 A/U, RG 58 C/U, RG 302 /U, RG 400 /U, 2YCCY, RG 59 B/U, RG 223 /U, HF-5408

Form & Material

Shell style / Model id	PCA - Free receptacle, cable collet and nut for fitting a bend relief
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
Colour	Grey
Variant	Nut for fitting a bend relief
Weight	26.68 g

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/pca-1e-275-ctlc60z.html

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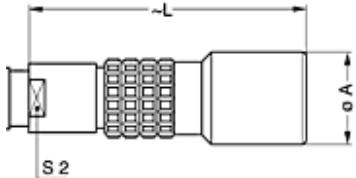
Environment

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

Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	5.60 - 6.00 mm

Drawings



Dimensions

	A	L	S2
mm.	15	45	9
in.	0.59	1.77	0.35

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Recommended By Lemo

Accessories

Compatible cap

[BRF.1K.200.NAS](#)

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