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Summary

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Nb of contacts Coax	1
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	10.60 - 12.00 mm
Size	3E
Suggested matching part	FFA.3E.275.CLAK11E
Series	E - Outdoor Stepped Insert

Technical details

Electrical Configuration

Nb of contacts Coax	1
Contact Termination Coax	Solder
Insert configuration value	3E.275 - 1 Coax (75 Ohm)
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	15 A
Impedance	75 Ohm
OHM	75
VSWR	$1.04 + 0.05 * f/\text{GHz}$
Vtest	2700 V (AC), 3900 V (DC)
Contact Type	Solder
Cable type	RG 213/U, RG 115 A/U, RG 11 A/U, RG 144/U, RG 165 /U

Form & Material

Shell style / Model id	PCA - Free receptacle with oversize 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
Colour	Grey
Variant	Gasket and O-ring in EPDM
Weight	132.23 g

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/pca-3e-275-cllk11e.html

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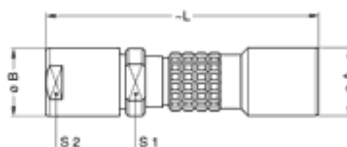
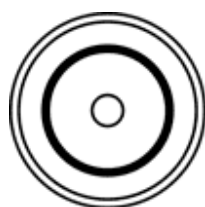
Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-55°C / +200°C
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]	10.60 - 12.00 mm

Drawings



Dimensions

	A	B	L	S1	S2
mm.	23	22	84	19	19
in.	0.91	0.87	3.31	0.75	0.75

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Recommended By Lemo

Accessories

Compatible cap	BRF.3K.200.NAS
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