

Standard



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Summary

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[Coax triax mixed en](#)

[LEMO connectors Audio Video Broadcast industries](#)

[Customer Drawing](#)

Nb of contacts Coax	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Panel Drill Hole	M12
Jacket cable outside diameter [mm]	4.00 - 6.00 mm
Size	1S
Suggested matching part	FGZ.1S.275.CTCE61Z CFF.1S.275.PTCA12G
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/era-1s-275-ctme61.html

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Technical details

Electrical Configuration

Nb of contacts Coax	1
Contact Termination Coax - Conductor fixing	Crimp
Insert configuration value	1S.275 - 1 Coax (75 Ohm)
Insulator	T: PTFE
Rated current	3 A
Impedance	75 Ohms
VSWR	Compliant to SMPTE 2082-1 norm. See catalogue for more information.
Vtest	1200 V (AC)
Cable type	DRAKA ULTRA PRO 50 HD, BELDEN 4855R
Bucket Dia.	0.75 mm (0.03 in)
Contact Dia.	0.6 mm (0.024 in)

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 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
Weight	14.14 g
Panel Drill Hole	M12

Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental sealing (IP rating)	IP50
Endurance	1000 mating cycles
Temperature range	-55°C / +260°C (max. temperature valid for short periods of use.)
Climatic Category	55/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Salt Spray Corrosion	>1000 hr

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Cable fixation

Jacket cable outside diameter [mm]

4.00 - 6.00 mm

Recommended By Lemo

Caps

Compatible cap	BRE.1S.200.NAS
Cap 2	BRE.1S.200.NAV
Plastic Cap	BRA.1B.200.PCSG
Cap BRR	BRR.1B.200.BSG
Soft Cap	BEZ.1B.200.SCN

Tools

Spanner	DCP.91.023.TN
Crimp tool	DPE.99.127.0K

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