

Standard



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Summary

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[Coax triax mixed en](#)

[Customer Drawing](#)

Nb of contacts Coax	1
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.00 - 6.00 mm
Size	1S
Suggested matching part	ERA.1S.275.CTME61 PGZ.1S.275.CTME61Z
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/fgz-1s-275-ctce61z.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)
Footprint IPC Class3 compatibility	No
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 (0.03in)
Contact Dia.	0.6 mm (0.02in)

Form & Material

Shell style / Model id	FGZ - Straight plug - design chocolate block, cable collet and nut for fitting a bend relief
Plug	Straight
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, male
Colour	Grey
Weight	22.3 g

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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

Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Crimp
Jacket cable outside diameter [mm]	4.00 - 6.00 mm

Recommended By Lemo

Tools

Spanner	DCP.91.001.TN
Crimp tool	DPE.99.127.0K

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