



Summary

[Request a quote](#)

[Catalog](#)

Number of contacts Low Voltage	26
Plug	Plug - Straight
Locking system	Push-pull
Size	6E
Series	E - Outdoor Stepped Insert

Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
Insulator	L: PEEK (UL 94 / V-0/1.5)
Cable type	Cable type: A RG 59 B/U, RG 302 /U, RG 400 /U S
Number of contacts Low Voltage	26

Form & Material

Shell style / Model id	FG - Straight plug, cable collet
Plug	Straight
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	Hermaphroditic keying (half moon insert) with male pin 1

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/fgg-6e-856-clac205.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.

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

Drawings



Dimensions

	A	L	S2	M
mm.	47	118	38	89
in.	1.85	4.65	1.5	3.5

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/fgg-6e-856-clac205.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.