



## Summary

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Triax	1
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	8.60 - 9.00 mm
Size	4M
Matching parts	<a href="#">FGG.4M.650.CTLC90</a>

## Technical details

### Electrical Configuration

Triax	1
Contact Termination Triax	Solder
Insert configuration value	4M.650 - 1 Triax (50 Ohm)
Insulator	T: PTFE
Rated current	26 Amps
Impedance	50 Ohm
Vtest	1800 V (AC), 2540 V (DC)
Contact Type	Triaxial 50 Ohm (Solder)

[https://www.lemo.com/int\\_en/phg-4m-650-ctac90.html](https://www.lemo.com/int_en/phg-4m-650-ctac90.html)

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## Form & Material

Shell style / Model id	PHG - Straight receptacle with cable collet
Socket / Receptacle	Free
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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Weight	167.03 g

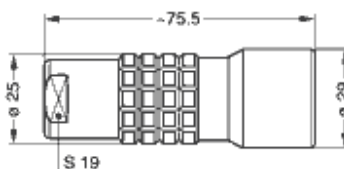
## Environment

Technical domain	Motorsport, Security and Defence, Transportation, Aerospace and UAV
Environmental protection (IP rating)	IP66
Climatical Category	55/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	85 dB (10 MHz)
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

## Cable fixation

Cable termination protection	Heatshrink
Fixation type	Cable collet
Jacket cable outside diameter [mm]	8.60 - 9.00 mm

## Drawings



[https://www.lemo.com/int\\_en/phg-4m-650-ctac90.html](https://www.lemo.com/int_en/phg-4m-650-ctac90.html)

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Dimensions

	A	B	L	S2
mm.	29	25	75.5	19
in.	1.14	0.98	2.97	0.75