



*Image for illustrative purpose only*

## Summary

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Jacket cable outside diameter [mm]	3.80 - 10.70 mm
Size	1F
Series	F - Rugged Push-Pull

[https://www.lemo.com/int\\_en/solutions/optima/f-rugged-push-pull/bfg-1f-100-xaz.html](https://www.lemo.com/int_en/solutions/optima/f-rugged-push-pull/bfg-1f-100-xaz.html)

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# Technical details

## Form & Material

Shell style / Model id	BFG - Cap for plug (G key)
Housing material	Aluminium (nickel plated [SAE AMS QQ N 290], anthracite color) shell and nut, other pieces bronze/brass
Keying	3 keys (alpha=42, gamma=30, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	3.55 g

## Environment

Technical domain	Motorsport, Security and Defence
Environmental sealing (IP rating)	IP67
Temperature range	-15°C / +135°C
Climatical Category	15/200/21 (Aluminium shell)
Humidity (max)	<=95% [at 60 deg C /140 F]
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	max. 48 hr

## Cable fixation

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