



Image for illustrative purpose only

Summary

[Request a quote](#)

[Catalog](#)

Nb of contacts Fiber optic	2
Gender	Reverse Gender
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 14.00 mm
Size	2F
Series	F - Rugged Push-Pull

https://www.lemo.com/int_en/solutions/optima/f-rugged-push-pull/fgs-2f-93b-xlmt66z.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.

Technical details

Electrical Configuration

Nb of contacts Fiber optic	2
Contact Termination Fiber optic	Crimp
Insulator	L: PEEK (UL 94 / V-0/1.5)
Contact Type	Crimp
Gender	Reverse Gender

Form & Material

Shell style / Model id	FG - Straight plug
Plug	Straight
Housing material	Aluminium (nickel plated [SAE AMS QQ N 290], anthracite color) shell and nut, other pieces bronze/brass
Locking system	Push-pull
Keying	3 keys (beta=155, gamma=50, plug: female contacts, receptacle: male contacts)
Colour	Grey
Variant	Nut for fitting a bend relief

Environment

Technical domain	Motorsport, Security and Defence
Environmental sealing (IP rating)	IP67
Temperature range	-40°C / +85°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

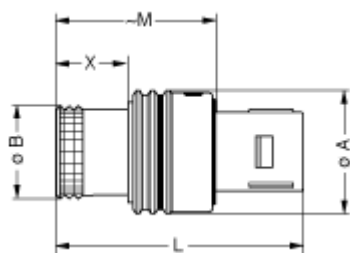
Cable fixation

Cable termination protection	For cable bend relief
Fixation type	T type cable adapter
Jacket cable outside diameter [mm]	5.30 - 14.00 mm

https://www.lemo.com/int_en/solutions/optima/f-rugged-push-pull/fgs-2f-93b-xlmt66z.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.

Drawings



Dimensions

	M	A	B	L	X
mm.	17.9	17	14	27.8	8
in.	0.7	0.67	0.55	1.09	0.31

Recommended By Lemo

Accessories

Compatible cap [BFG.2F.100.XAZ](#)

Tools

Crimp tool [DPC.91.701.V](#)

https://www.lemo.com/int_en/solutions/optima/f-rugged-push-pull/fgs-2f-93b-xlmt66z.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.