

# LEMO 3B SERIES WITH MT FERRULE



## High density MT Ferrule

Using the well-known 3B Series connector we have added the advantage of using a high density MT ferrule which provides maximum of 24 fibres in a compact light weight single ferrule.

The ferrules are available in both singlemode and multimode and can be UPC or APC polished. The ferrules are spring loaded and fitted with stainless steel guide pins which enables good mechanical alignment ensuring that the good optical performance is achieved.

Normal MT ferrules come in 4, 8, 12 and 24 fibres and have a standard polishing process which ensures consistent performance can be maintained.

### Advantages:

- 3B series ruggedized connector
- Singlemode and multimode
- UPC and APC polish
- High density and compact ferrule
- Good optical performance
- Maximum 24 fibres in a 3B series connector

### Features:

- Standard MT ferrules in 4, 8, 12 and 24 fibres.
- Standard MT polishing process.
- Suitable for ribbon fibres and cabled ribbon fibres
- Connector suitable for harsh environments
- Lightweight ferrule



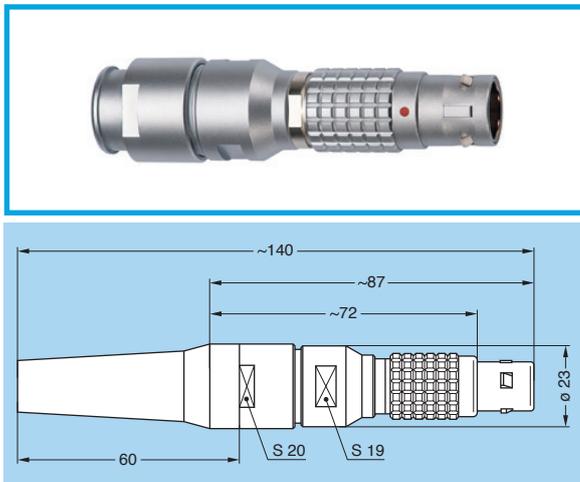
## Technical characteristics

Optical performance MT ferrule	Value
Insertion loss – Singlemode (9/125)	-0.35dB typical
Insertion loss – Multimode (50/125)	-0.3dB typical
Return loss – Singlemode (9/125)	> 60dB (8° angle polish)

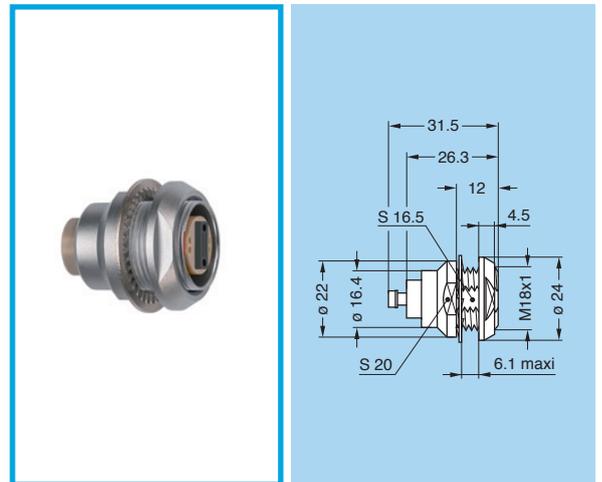
Mechanical and environmental	Value
Mating durability – MT ferrule	500
Damp heat steady state	Up to 95% at 60°C

Mechanical and environmental	Value
Temperature cycling	-40°C to +80°C
Salt spray corrosion test	> 144h

### FGG Straight plug, key (G) or keys (A...M and R), cable collet



### EEG Fixed socket, nut fixing, key (G) or keys (A...M and R) (back panel mounting)



#### Part number available:

EEG.3B.XR4.CYMY / FGG.3B.XR4.CYCS13Z  
 EVG.3W.XR4.CYMY / FVG.3W.XR4.CYCT91Z



## LEMO HEADQUARTERS

SWITZERLAND  
 LEMO SA  
 Chemin des Champs-Courbes 28 - P.O. Box 194 - CH-1024 Ecublens  
 Tel. (+41 21) 695 16 00 - Fax (+41 21) 695 16 02 - e-mail: info@lemo.com

[www.lemo.com](http://www.lemo.com)