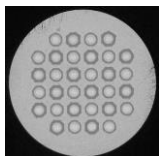


Multicore Fiber Gain Flattening Filter



Product Overview

Phoenix Multi-Core-Fiber (MCF) gain flattening filters (GFF) are part of the fiber component range for SDM applications. The devices provide good gain flattening for all cores with low insertion loss and low cross-talk over a wideband.



32 core fiber cross section

Features & Applications

FEATURES

- Good spectral response
- Low cross-talk
- Low loss
- Low PDL
- Customer defined fiber

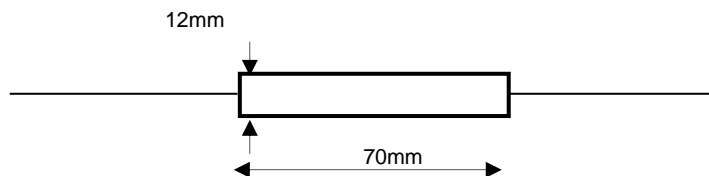
APPLICATIONS

- SDM systems
- Sensors

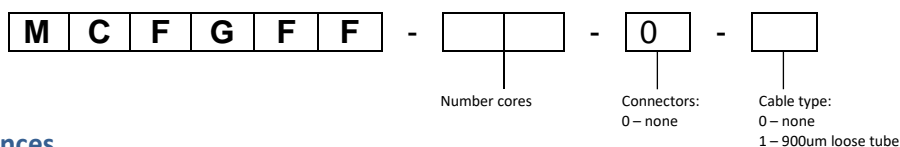
SPECIFICATION	Units	
Fiber	-	Up to 32 cores
Operating wavelength range	nm	1530-1625
Average Insertion loss	dB	<1.5
Core to core IL variation	dB	1-2
Back reflection	dB	>30

Packaging Style:

Package 70x12x9mm



Ordering Information



Relevant references

- 1) Y. Jung et al., "Compact 32-core multicore fibre isolator for high-density spatial division multiplexed transmission," ECOC'16, paper W2.B4, Dusseldorf, Germany, 18-22 Sep 2016.
- 2) S. Jain et al., "32-core inline multicore fiber amplifier for dense space division multiplexed transmission systems," ECOC'16, paper Th3.A1, Dusseldorf, Germany, 18-22 Sep 2016 (Postdeadline paper).

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