



flawless fusion with infinite possibilities

SIFAM
FIBRE OPTICS

Housings, Connectors and Patchcords

SIFAM components are used in a wide variety of applications. Therefore an extensive choice of component housings and connector types is provided.

Furthermore, to complement our range of components and modules, patchcords are available in a selection of sleeveings, connectors and fibre types.







Component Housings

The Regular housing is the standard choice for applications where components are assembled in module enclosures. It consists of a stainless steel tube, with primary-coated fibre exiting the housing through elastomeric seals.

The Miniature and Subminiature housings are compact versions of the Regular housing; for use where space is limited. The Subminiature housing incorporates $\text{\O}80\mu\text{m}$ cladding fibre which allows a smaller bend radius than standard fibre.

Where connectors are to be fitted, or greater protection for fibre pigtailed is required, housings incorporate oversleeved pigtailed. The $\text{\O}0.9\text{mm}$ slim and semi-ruggedised housings have loose tube, whereas the fully-ruggedised housing has $\text{\O}3.0\text{mm}$ fan-out cable.

The fully-ruggedised housing, manufactured from non-conductive, flame retardant material, offers maximum protection for both housing and pigtailed. It includes mounting holes allowing direct fitting to printed circuit boards.

COMPONENT HOUSINGS ₁		
Housing Code		Pigtail
	 Subminiature	
1		$\text{\O}80\mu\text{m}$ cladding primary-coat
	 Miniature	
2		$\text{\O}125\mu\text{m}$ cladding primary-coat
	 Regular	
3		$\text{\O}125\mu\text{m}$ cladding primary-coat
	 $\text{\O}0.9\text{mm}$ slim	
4		$\text{\O}0.9\text{mm}$ loose tube
	 $\text{\O}0.9\text{mm}$ semi-ruggedised	
5		$\text{\O}0.9\text{mm}$ loose tube
	 $\text{\O}3.0\text{mm}$ fully-ruggedised	
6		$\text{\O}3.0\text{mm}$ fan-out tube

1. Refer to the relevant datasheet for confirmation of the length of a specific component.

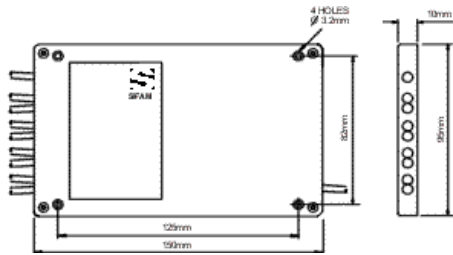
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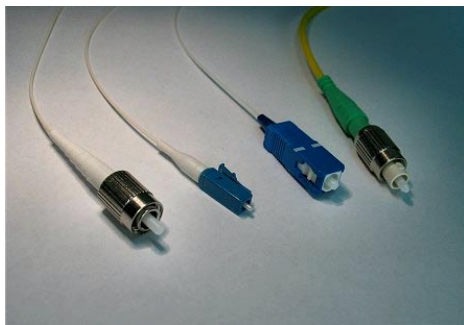
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Fibre Organiser



The SIFAM Fibre Organiser is an injection moulded housing, manufactured from flame-retardant plastic, designed for fast, low cost and reliable installation. The dimensions are 150 x 95 x 10mm, providing easy installation in a variety of rack mounted styles.

Connector Types



SIFAM can provide its components and modules terminated with a wide variety of connectors. The list opposite shows the common types available, however other non-standard connector types may also be fitted.

Connectors are usually fitted to components with sleeved pigtails, but they can also be fitted to standard primary-coated pigtails. In this case the resultant assembly should be carefully handled to avoid fibre damage.

Component datasheet ordering codes assume a single connector type on each port. However combinations of connectors are also available. Please contact us with your specific requirements.

STANDARD CONNECTOR TYPES	
Code	Connector
0	No connector
1	FC/PC
2	FC/SPC
3	FC/APC
4	SC/SPC
5	SC/APC
8	ST
9	FC/UPC
A	SC/UPC
B	LC
C	MU
D	MPX
E	E2000
G	MTP
H	MT
J	LC/APC
P	FC-APC/PM
R	FC-PC/PM

Patchcords



Patchcords are available on a custom basis in many combinations of fibre type, sleeving and connector type. Please contact us with your specific requirements.