HPCF series Connector

Product Overview

HPCF fiber main work at 650nm and 850nm wavelength devices and systems, mainly used in industrial field bus networks in low-speed short-range transmission, make up the POF polymer fiber attenuation coefficient (0.2dB @ 650nm) which led to the short distance problem. For example, in the Siemens PROFIBUS bus network OBT, OLM device requires the use of polymer optical fiber POF maximum distance can not exceed 50M; Phoenix using POF media converter module, most of them have only supports 50M communication distance. But often industrial data acquisition devices and complex distribution, transmission media requires not only stable, but also has anti-electromagnetic interference and electromagnetic radiation, and high-bandwidth transmission medium, transmission distance and other characteristics. Fast lead time and reasonable price.

Features

HPCF fiber has low loss, broadband domain excellent performance, but also has a rugged, easy to operate expertise, can easily be installed in the field crimping cutting optical connectors are used in various fields such as FA series.

Applications

HPCF large diameter cable has efficient LED coupling, numerical aperture reaches NA0.37, for Siemens, Phoenix, ABB, Mitsubishi, Hochman and other industrial equipment information transfer. Versatility of this product.

Mating Connector：：

V-PIN 200/230

DL-72(F08) 200/230

CF-2071(F07) 200/230

FC 200/230

SMA 200/230

ST 200/230

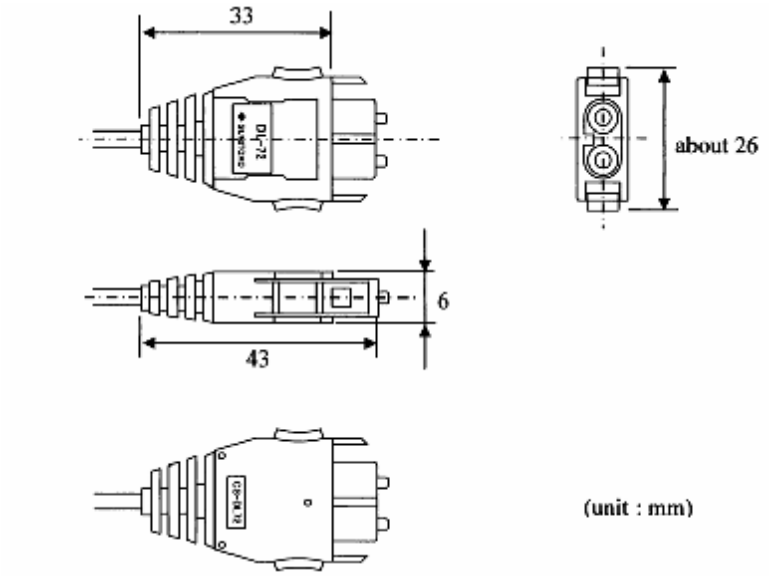
DL-72 Connector MELSECNET/H Series

Product Overview

It is fully compatible with all Mitsubishi Q series PLC module; completely replace the DL6-CP, DL-72, CA7003 and other fiber optic connectors. HPCF fiber has low loss, broadband domain excellent performance, but also has a rugged, easy to operate expertise, can easily be installed in the field crimping cutting optical connectors are used in various fields such as FA series.

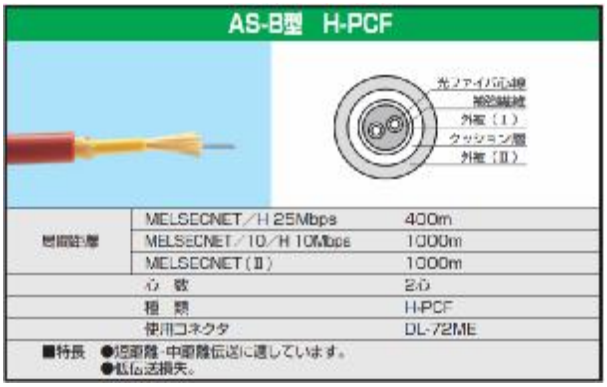
Our professional on-site installation and testing tools can provide users with efficient and convenient on-site installation fitting service.

Connector

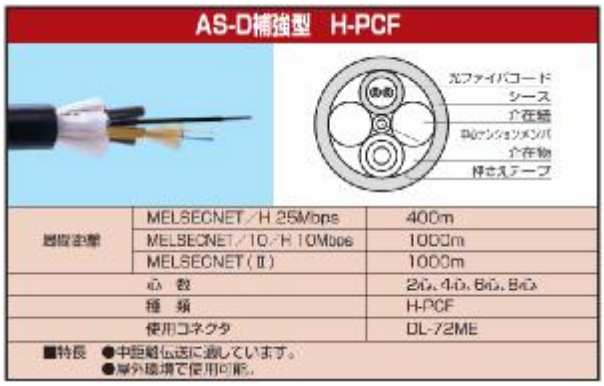


DL-72 fiber optic connector is compatible with the following manufacturers of connectors:
Mitsubishi CA7003, Hitachi: CA9003, SGK: SO1-L2.

Cable Structure

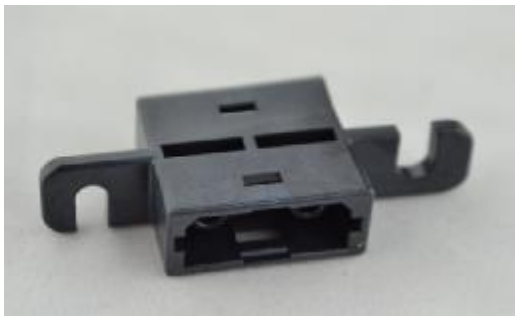


Indoor Type AS-B



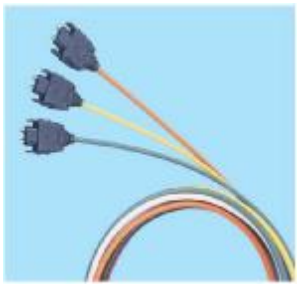
Outdoor Structure AS-B

Application:



Mating Adapter IAT-4000

Applied for the Long distance connection, extending the Cable length.



Armored Strength Type

Applied for tough application

Applies to the following types of modules:

Modules	Type	Transmission	Cable	Marks
QJ71LP21	Remote Station	Dual Loop	Optical Cable	SI/QSI/HPCF
QJ71LP21-25	Remote Station	Dual Loop	Optical Cable	SI/QSI/HPCF
QJ71LP21G	Remote Station	Dual Loop	Optical Cable	GI-50/125
QJ71LP21GE	Remote Station	Dual Loop	Optical Cable	GI-62.5/125
QJ72LP25-25	Remote I/O	Dual Loop	Optical Cable	SI/QSI/HPCF
QJ72LP25G	Remote I/O	Dual Loop	Optical Cable	GI-50/125
QJ71LP25GE	Remote I/O	Dual Loop	Optical Cable	GI-62.5/125
Q80BD-J71LP21-25	PC MELSECNET/H			SI/QSI/HPCF
Q80BD-J71LP21G	PC MELSECNET/H			GI-50/125

On-site installation and testing tools

On-site installation assembly tools dedicated to fast, high-quality completion of each connector assembly, cutting, using an ending check to see whether the quality of the cut surface of each standard instrument check whether the quality of the cut surface is ok or not.

After assembly of each connector, using a instrumentation test every fiber link attenuation index meets the requirements to ensure the quality of each fiber-optic lines, so that the device can work long-term stability

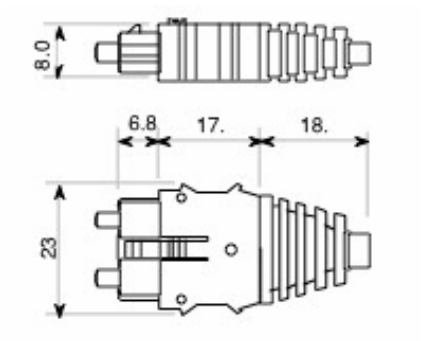
CF-2071 Connector

Description

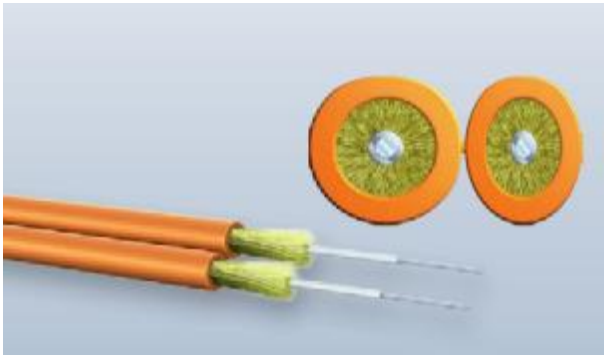
HPCF ideally suited for use with both 650nm and 850nm active devices. Large core with 200μm-600μm diameter gives a good coupling efficiency for data links or connections. Systems with large core fiber have overall lower coat due to the loose tolerance requirement of the components. HPCF shows the best performance when it applied to short to Intermediate, a few hundreds to thousands feet, fiber optic data transmission.

We owned the professional on-site installation and testing tools can provide users with efficient and convenient on-site installation fitting service.

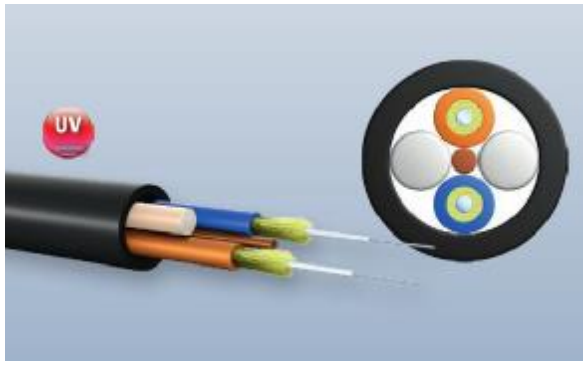
Connector



Cable Structure



Duplex Figure 8 structure

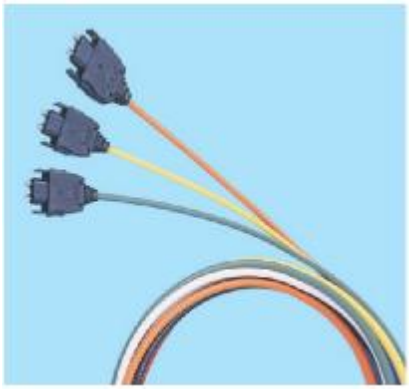


Duplex Indoor structure

Model	Fiber type	Outer Sheath	Dimension	Tensile Strength		Operation Temperature	Attenuation At850nm	Weight Kg/km
				Short-Term	Long-term			
Duplex Figure 8	200/230	PVC	2.2*4.5	300N	100N	-40～85℃	＜6．0dB/km	11
Duplex Indoor	200/230	LSZH	Φ7.5	600N	200N	-40～85℃	＜6．0dB/km	42

Application:

Mating Adapter IAT-4000
Applied for the Long distance connection, extending the Cable length.



Armored Strength Type
Applied for tough application

On-site installation and testing tools

On-site installation assembly tools dedicated to fast, high-quality completion of each connector assembly, cutting, using an ending check to see whether the quality of the cut surface of each standard instrument check whether the quality of the cut surface is ok or not.

After assembly of each connector, using a instrumentation test every fiber link attenuation index meets the requirements to ensure the quality of each fiber-optic lines, so that the device can work long-term stability

V-PIN Connector

Product Overview

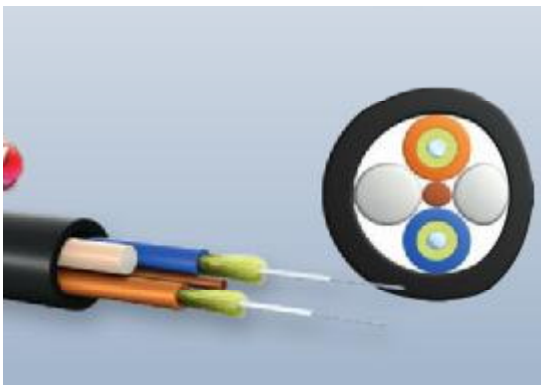
V-PIN industrial fiber patch cord using HPCF200/230 optical fiber which has a low-loss, broadband domain excellent performance, but also has a rugged, easy to operate expertise, can easily be installed in the field V-PIN connector, fast and efficient.

Connector Pics

V-PIN Connector

BACHMANN Shell Connector

Cable Structure



Specification:

Type	Fiber TYPE	Outer Sheath	Size	Tensile Strength		Temp（℃）	Atte. At850nm	Weight Kg/km
				Short Term	Long term			
Dual Core	200/230	LSZH	Ø7.5	600N	200N	-40～85℃	＜6. 0dB/km	42