

High-Power Connector Cable

HPC

RoHS

An adhesive-free optical connector made using glass fusing technology for flexibility with high power applications consisting of different fiber diameters. Connector shapes are compatible with SMA905 and FC, available with connector end structures using and tip air gap (TYPE1) or tip glass jacket (TYPE2).

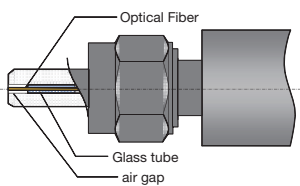
If higher power is required, the optical fiber end can be terminated with an end cap to reduce the input and output energy density.



Connector Type

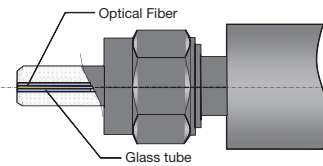
● TYPE1

Structures using and tip air gap



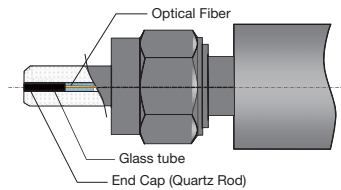
● TYPE2

Tip Glass Jacket (Fusion Splice)



● End Cap (ECF)

Fiber structure with end cap



Specifications						
Fiber Diameter	125μm	240μm	360μm	480μm	600μm	1000μm
Fiber core diameter	105μm	200μm	300μm	400μm	550μm	910μm
Fiber NA	0.12, 0.15, 0.22				0.22	
Operating Wavelength	400 – 1700nm					
Connector Shape	SMA, FC					
Connector Type	TYPE1 or TYPE2 or end cap fiber (ECF)					
Fiber Shape	SUS flexible tube, strand, 0.9mm cable, 3.0mm cable					
Light resistance	≤40W					
Cooling Method	Air-cooling					

Note: Contact our International Sales Division for specifications other than those listed above.

Specifying Part Numbers

HPC- [] [] [] - [] [] [] - [] [] [] - [] [] [] - [] - []

Fiber Diameter

125:	125μm
240:	240μm
360:	360μm
480:	480μm
600:	600μm
100:	1000μm

Fiber core diameter

105:	105μm
200:	200μm
300:	300μm
400:	400μm
550:	550μm
910:	910μm

Fiber NA

120:	0.12
150:	0.15
220:	0.22

Connector Shape

FC:	FC connector
SMA:	SMA connector

Connector Type

1:	TYPE1
2:	TYPE2
3:	End cap fiber

Fiber Shape

0:	Strand
2:	SUS tube
3:	0.9mm loose tube
4:	3.0mm cable

Application Systems

Optics & Optical Coatings

Opto-Mechanics

Bases

Manual Stages

Actuators & Adjusters

MotORIZED Stages

Light Sources & Laser Safety

Index

Microscope Unit

Alignment

Interferometers

Inspection/Observation

Bio-photonics

Laser Processing