

# NEC

## Fiber Optic Devices

OD-9470-□ - □□□ M-□□

OD-9470PC-□ - □□□ M-□□

OD-9480, 9490

### D4 Fiber Optics Connectors

Fiber optics connectors are used for connecting optical fibers and for coupling the optical fiber with devices.

OD-9470: Pigtail or patch cord with D4 connector plug.

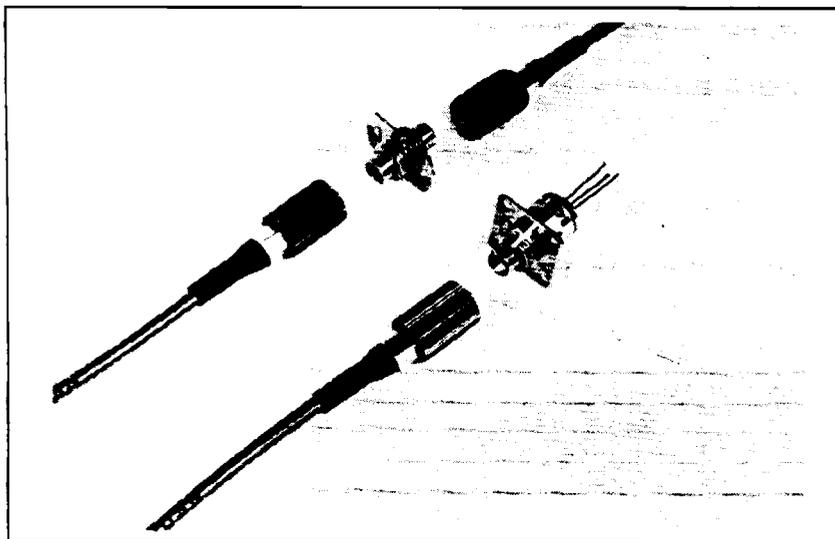
OD-9470PC: Pigtail or patch cord with D4 PC connector plug.

OD-9480: Through adapter for connecting two connector plugs.

OD-9490: Receptacle for coupling the optical fiber with devices.

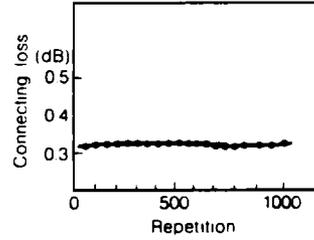
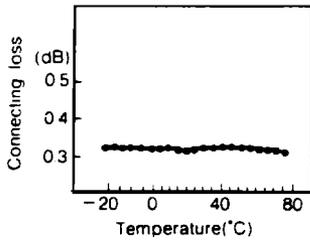
#### FEATURES

- . Low connecting loss.
- . Ultra high return loss 35 dB (for PC type) ' (It has same characteristics for Fine FCPC connector.)
- . Stable against mechanical, environmental shock.
- . Variety of connector usage applications (OD-9400 Series).
- . Compact and light weight.



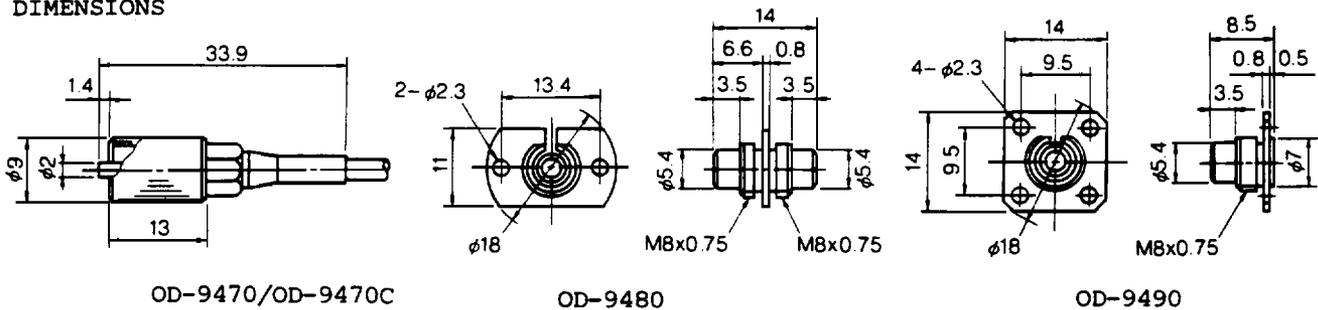
**MAJOR PERFORMANCE**

Items	Specifications
Insertion loss	≤ 0.7 dB (OD-9470) ≤ 0.4 dB (OD-9470PC)
Return loss	≥ 35 dB (Typical 40 dB) (OD-9470PC)
Temperature range	-20°C to 80°C
Heat cycle	-20°C to 70°C, 50 cycles or more
Vibration	10 to 55 Hz, 1.5 mm double amplitude
Durability	1000 cycles or more
Weight (OD-9470)	3.5 gr (plug)



Temperature characteristics and durability

**DIMENSIONS**



**ORDERING INFORMATION**

Pigtail      OD-9470 - 1 - \*\*\*M - \*\*  
                  OD-9470PC - 1 - \*\*\*M - \*\*  
 Pitch cord   OD-9470 - 2 - \*\*\*M - \*\*  
                  OD-9470PC - 2 - \*\*\*M - \*\*

Fiber designation (indicated by \*\*\*M) and Required fiber length (Meter) (indicated by \*\*) are shown in the ordering codes.

Fiber designation	Fiber	Seath dia	Attenuation
GE	GI 50/125	3 mm	4.5 dB/km
GR	GI 62.5/125	3 mm	3 dB/km
KP	GI 85/125	3 mm	4 dB/km

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FO-0629

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Printed in Japan