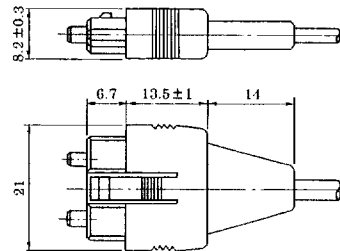(TOCP200-□□B)

ALL PLASTIC FIBER
WITH FIBER OPTIC CONNECTORS

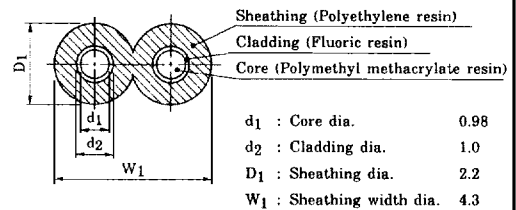- Conform to JIS F07 type

- Duplex type

- APF (980 / 1000 μm)

Unit in mm

(1) Fiber optic connector

8.2 ± 0.3

6.7   13.5 ± 1   14

21

(2) Optical fiber

Sheathing (Polyethylene resin)
Cladding (Fluoric resin)
Core (Polymethyl methacrylate resin)

D$_1$

d$_1$
d$_2$
W$_1$

d_1 : Core dia.	0.98
d_2 : Cladding dia.	1.0
D_1 : Sheathing dia.	2.2
W_1 : Sheathing width dia.	4.3

1. Maximum Ratings (Ta = 25°C)

ITEM		SYMBOL	RATINGS	UNIT
Storage Temperature		T_{stg}	−40 to 70	°C
Operating Temperature		T_{opr}	−20 to 70	°C
Tension	Between Fiber and Connector	T_{CF}	19.6	N
	Optical Fiber	T_F	98	N
Bending Radius		r	Min. 40	mm

(TOCP200-□□B)

2. Optical Characteristics (Ta = 25°C)

ITEM	SYMBOL	CONDITIONS	MIN.	TYP.	MAX.	UNIT
Transmission Loss		λp = 650nm, Measured by fiber length 50m	—	220	240	dB / km

3. Precautions for Operation

(1) The maximum ratings are the limit values which should not be exceeded when using this product. All of these values must be within the defined range. If the maximum ratings, are exceeded the deviced characteristics may not be recoverable and, in extreme cases, permanent damage to the product may result.
Care should be taken not to exceed the maximum ratings when using this product.

(2) Care should be taken not to drop heavy objects onto the optical fiber cables.

(3) When connecting or disconnecting the optical fiber with fiber optic connector, be sure to hold the fiber optic connector. Do not hold the optical fiber cable when connecting or disconnecting.

(4) When inserting the fiber optic connector into the fiber optic transceiving module, be sure to follow the correct fitting alignment.

(5) Keep the end face of the optical fiber with fiber optic connector clean. If contaminated, wipe it gently with tissue paper.

(6) When bending the optical fiber cable to install it, note that the recommended bending radius is six to ten times longer than the minimum bending radius.

(7) -□□ indicates the length and the unit of length of the optical fiber of the optical fiber with fiber optic connector or optical fiber products. The length of the optical fiber is the distance from one end of fiber optic connector to the other end. The minimum fiber length is 0.2m.

EX.   TOCP200-10MB
```
              ┌┐
              ││└─── Unit of length
              │       C : cm
              │       M : m
              └─────── Length
```