

Fiber Optic Cables

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|------------------|----------------------|---|----------------------|-----------|
| MODEL | FX200J series | Coaxial cable with 1 transmitting and 9 receiving fibers with M4 screw | Search ID No. | 92 |
| Detection method | Coaxial reflective | | | |

CAD

The tightening torque for the threaded part should be up to 0.8 N·m.

| Model | FX205J | FX210J | FX220J |
|--|---|---|--------|
| Fiber optic cable length(m) | 0.5 | 1 | 2 |
| Ambient temperature | - 30 ~ + 70 °C | | |
| Material | Covering | Polyethylene | |
| | Core | Plastic | |
| Diameter | Cable | 2.2 | |
| | Core | φ 0.5 x 1 (transmission) / φ 0.25 x 9 (reception) | |
| Allowable bending radius | R30 | | |
| Standard detection object diameter | 100 x 100mm white drawing paper (with F70R) | | |
| Smallest allowable detection object diameter | φ 0.015 (excluding F71R) | | |

Applicable amplifier

F80R SERIES

F70 SERIES
F71

Detecting distances for individual amplifier models (mm)

| | | |
|----------------|---------------|-----------|
| F80R | Long-distance | 135 (120) |
| | High-speed | 75 (65) |
| F70R/AR | | 75 (65) |
| F71R | | 45 (35) |

Values in parentheses show detecting distances for combinations with FX220J.

| | | | | |
|------------------|--------------------|---|----------------------|-----------|
| MODEL | FX7BC | Lowest-cost φ 2.5 coaxial cable with 1 transmitting and 4 receiving fiber optic cables with M6 screw | Search ID No. | 93 |
| Detection method | Coaxial reflective | | | |

CAD

The tightening torque for the threaded part should be up to 0.8 N·m.

| Model | FX7BC | |
|--|---|---|
| Fiber optic cable length(m) | 2 (free-cutting) | |
| Ambient temperature | - 30 ~ + 70 °C | |
| Material | Covering | Polyethylene |
| | Core | Plastic |
| Diameter | Cable | 2.2 |
| | Core | φ 0.75 x 1 (transmission) / φ 0.5 x 4 (reception) |
| Allowable bending radius | R30 | |
| Standard detection object diameter | 200 x 200mm white drawing paper (with F70R) | |
| Smallest allowable detection object diameter | φ 0.015 (excluding F71R, F2R) | |

Applicable amplifier

F80R SERIES

F70 SERIES
F71

F2R SERIES

Detecting distances for individual amplifier models (mm)

| | | |
|----------------|---------------|-----|
| F80R | Long-distance | 230 |
| | High-speed | 130 |
| F70R/AR | | 130 |
| F71R | | 75 |
| F2R | | 25 |