



FCM05-\*-OM3

Multi Mode Out Optical Cable

## DESCRIPTION

- Available in GYTA53 type.
- The remaining length of optical fiber is controlled precisely to ensure perfect tensile strength and temperature characteristics of optical cable.
- The loose tube material itself has perfect hydrolysis resistance and high strength. The special filling paste inside the loose tube is used to protect the optical fiber.
- Perfect flexibility and pressing resistance.
- PE sheath features perfect UV resistant performance and environmental stress cracking resistance.

## APPLICATION

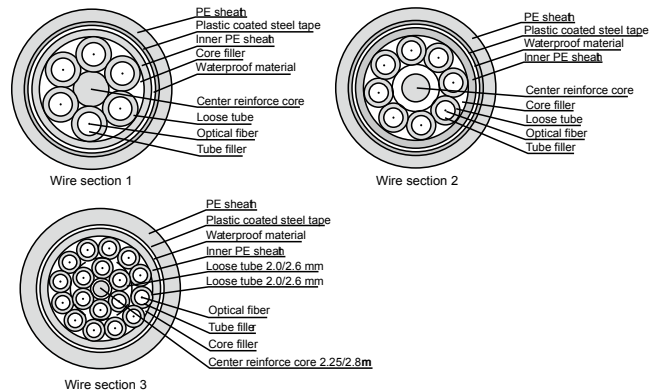
- Waterproof performance of optical cable is ensured by following measures: Single piece of steel wire center reinforcement.
- Special waterproof compound filled inside the loose tube 100% filled cable core.
- perfect moisture-proof capability of the moisture-proof plastic coated aluminum tape and both side plastic coated steel tape.
- perfect waterproof material could prevent optical cable from longitudinal water penetration.

## ORDER INFORMATION

| Part number | Description                  | Standard Color |
|-------------|------------------------------|----------------|
| FCM05-*-OM3 | Multi Mode Out Optical Cable | Black          |

FFIBER OPTICAL CABLE, outdoor, OM3 multi mode, GYTA53, simplex, PE sheath, black color.

## PRODUCT FIGURE



| No of fiber<br>ble core | Diameter of<br>steel core<br>(mm) | Plastic coated<br>steel tape<br>(mm) | Diameter of<br>the loose tube<br>(mm) | Core of the<br>loose tube | Filler core<br>number | Diameter of<br>fiber cable<br>(mm) | The weight<br>of the fiber<br>(kg/km) | (Short term/long term<br>allowable tensile<br>(N)) | allowable<br>press force<br>N/100mm |
|-------------------------|-----------------------------------|--------------------------------------|---------------------------------------|---------------------------|-----------------------|------------------------------------|---------------------------------------|--|-------------------------------------|
| 4-6                     | 1.6                               | /                                    | 1.5/2.1                               | 1                         | 4                     | 14.8                               | 256                                   | 600/1500   | 3000                                |
| 8-12                    | 1.6                               | /                                    | 1.5/2.1                               | 2                         | 3                     | 14.8                               | 256                                   | 600/1500   | 3000                                |
| 14-18                   | 1.6                               | /                                    | 1.5/2.1                               | 3                         | 2                     | 14.8                               | 256                                   | 600/1500   | 3000                                |
| 20-24                   | 1.6                               | /                                    | 1.5/2.1                               | 4                         | 1                     | 14.8                               | 256                                   | 600/1500   | 3000                                |
| 26-30                   | 1.6                               | /                                    | 1.5/2.1                               | 5                         | 0                     | 14.8                               | 256                                   | 600/1500   | 3000                                |
| 32-36                   | 2.25                              | /                                    | 1.5/2.1                               | 6                         | 0                     | 14.8                               | 256                                   | 1000/3000  | 3000                                |
| 38-42                   | 2.25                              | 3.7                                  | 1.5/2.1                               | 7                         | 1                     | 16.8                               | 304                                   | 1000/3000  | 3000                                |
| 44-48                   | 2.25                              | 3.7                                  | 1.5/2.1                               | 8                         | 0                     | 16.8                               | 304                                   | 1000/3000  | 3000                                |
| 50-60                   | 2.25                              | 2.8                                  | 2.0/2.6                               | 5                         | 1                     | 16.8                               | 306                                   | 1000/3000  | 3000                                |
| 62-72                   | 2.25                              | 2.8                                  | 2.0/2.6                               | 6                         | 0                     | 16.8                               | 306                                   | 1000/3000  | 3000                                |
| 74-84                   | 2.25                              | 4.5                                  | 2.0/2.6                               | 7                         | 1                     | 18.9                               | 366                                   | 1000/3000  | 3000                                |
| 86-96                   | 2.25                              | 4.5                                  | 2.0/2.6                               | 8                         | 0                     | 18.9                               | 366                                   | 1000/3000  | 3000                                |
| 98-108                  | 2.25                              | 6.1                                  | 2.0/2.6                               | 9                         | 1                     | 21.5                               | 429                                   | 1000/3000  | 3000                                |
| 110-120                 | 2.25                              | 6.1                                  | 2.0/2.6                               | 10                        | 0                     | 21.5                               | 429                                   | 1000/3000  | 3000                                |
| 122-132                 | 2.25                              | 8.1                                  | 2.0/2.6                               | 11                        | 1                     | 22.3                               | 488                                   | 1000/3000  | 3000                                |
| 134-144                 | 2.25                              | 8.1                                  | 2.0/2.6                               | 12                        | 0                     | 22.3                               | 488                                   | 1000/3000  | 3000                                |
| 146-216                 |                                   |                                      | Wire section 3                        |                           |                       | 22.3                               | 500                                   | 1000/3000  | 3000                                |