

Outdoor Central Loose Tube Cable  
with Steel Wire Armor, Double Jacket

GOWN, GOWB

A-DQ(ZN)2Y(SR)2Y



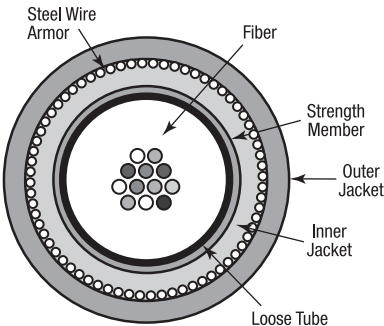
Applications

- For outdoor and indoor use in structured (data) wiring systems such as industrial backbone, campus backbone, building backbone (riser) and/or horizontal cabling
- For outdoor and indoor use in networks for industrial, telecom, cable TV and/or broadcast
- Easy to install in ducts, tunnels and trenches by means of compressed air or pulling wire
- Suitable for direct burial

Features & Benefits

- Available in sizes from 4 to 24 fibers
- Jelly filled (non-dripping and silicon-free) loose tube with primary coated optical fibers ( $\varnothing 250 \pm 15 \mu\text{m}$ )
- High mechanical and full rodent protection provided by Steel Wire Armor (SWA)
- Polyethylene jacket
- Length marking in meters for easy determination of the cable length

Cross Section



Specifications

| IEC 60794-1-2                       |                    |
|-------------------------------------|--------------------|
| Min. Bend Radius installation (E6): | 20 x $\varnothing$ |
| Min. Bend Radius operation (E11):   | 10 x $\varnothing$ |
| Temperature Range (F1):             |                    |
| – Transport/Storage                 | -30 °C to +70 °C   |
| – Installation                      | -5 °C to +50 °C    |
| – Operation                         | -30 °C to +70 °C   |
| Watertightness (F5):                | Pass               |

## Characteristics

| Loose Tube    | Fiber Count | Diameter (mm) | Steel Wire Diameter (mm) | Weight (kg/km) | Crush Resistance (kN/m) | Tensile Strength (short term) N | Tensile Strength (permanent) N | Fire Load (kJ/m) |
|---------------|-------------|---------------|--------------------------|----------------|-------------------------|---------------------------------|--------------------------------|------------------|
| IEC 60794-1-2 |             |               |                          |                |                         | E1                              | E1                             |                  |
| GOWN*xx       | 4 to 24     | 9.6           | 0.6                      | 125            | 45                      | 1250                            | 420                            | 2505             |
| GOWB*xx       | 4 to 24     | 13.5          | 0.9                      | 270            | 50                      | 3750                            | 1250                           | 2625             |

## Ordering Information

| Fiber Type/Count                   | 4       | 6       | 8                               | 12      | 16      | 24      |
|------------------------------------|---------|---------|---------------------------------|---------|---------|---------|
| GOWN                               |         |         |                                 |         |         |         |
| 62.5/125-OM1                       | GOWN104 | GOWN106 | GOWN108                         | GOWN112 | GOWN116 | GOWN124 |
| 50/125-OM2                         | GOWN204 | GOWN206 | GOWN208                         | GOWN212 | GOWN216 | GOWN224 |
| 50/125-OM3                         | GOWND04 | GOWND06 | GOWND08                         | GOWND12 | GOWND16 | GOWND24 |
| 50/125-OM4                         | GOWNE04 | GOWNE06 | GOWNE08                         | GOWNE12 | GOWNE16 | GOWNE24 |
| 9/125 ITU G.652D                   | GOWN804 | GOWN806 | GOWN808                         | GOWN812 | GOWN816 | GOWN824 |
| 9/125 ITU G.655 C & D              | GOWN704 | GOWN706 | GOWN708                         | GOWN712 | GOWN716 | GOWN724 |
| Std. plywood reel (non-returnable) |         |         | Ø 1000 x 588 mm, Weight 50.0 kg |         |         |         |
| Std. delivery length               |         |         | 2100 ± 100 m                    |         |         |         |
| GOWB                               |         |         |                                 |         |         |         |
| 62.5/125-OM1                       | GOWB104 | GOWB106 | GOWB108                         | GOWB112 | GOWB116 | GOWB124 |
| 50/125-OM2                         | GOWB204 | GOWB206 | GOWB208                         | GOWB212 | GOWB216 | GOWB224 |
| 50/125-OM3                         | GOWBD04 | GOWBD06 | GOWBD08                         | GOWBD12 | GOWBD16 | GOWBD24 |
| 50/125-OM4                         | GOWBE04 | GOWBE06 | GOWBE08                         | GOWBE12 | GOWBE16 | GOWBE24 |
| 9/125 ITU G.652D                   | GOWB804 | GOWB806 | GOWB808                         | GOWB812 | GOWB816 | GOWB824 |
| 9/125 ITU G.655 C & D              | GOWB704 | GOWB706 | GOWB708                         | GOWB712 | GOWB716 | GOWB724 |
| Std. plywood reel (non-returnable) |         |         | Ø 1250 x 688 mm, Weight 93.0 kg |         |         |         |
| Std. delivery length               |         |         | 2100 ± 100 m                    |         |         |         |

## Fiber Color Coding

| No. |         | No. |        | No. |           | No. |                | No. |               | No. |                  |
|-----|---------|-----|--------|-----|-----------|-----|----------------|-----|---------------|-----|------------------|
| 1   | Red     | 5   | Green  | 9   | Orange    | 13  | Red + ring     | 17  | Green + ring  | 21  | Orange + ring    |
| 2   | Natural | 6   | Violet | 10  | Turquoise | 14  | Natural + ring | 18  | Violet + ring | 22  | Turquoise + ring |
| 3   | Yellow  | 7   | Brown  | 11  | Pink      | 15  | Yellow + ring  | 19  | Brown + ring  | 23  | Pink + ring      |
| 4   | Blue    | 8   | Black  | 12  | White     | 16  | Blue + ring    | 20  | Grey + ring   | 24  | White + ring     |