



xxxx--DAC00-2000Q

## Direct burial DAC cable

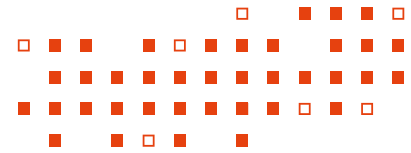
The Direct Access Cable (DAC) is a lightweight, non-metallic, central tube, direct-buried access cable with a small diameter for easy installation. FRP rods and aramid fibers provide resistance to crushing and tensile forces. The design allows the cable to bend along a single surface. It is specifically designed for FTTH (Fiber to the Home) projects.



## Technical specifications

Direct burial DAC cable

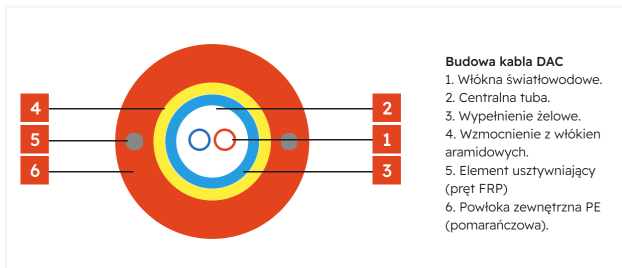
|                                              |                |
|----------------------------------------------|----------------|
| Product group                                | outdoor cable  |
| Fiber standard                               | ITU-T G.657.A1 |
| Deformation resistance                       | yes            |
| Halogen-free (according to EN 13501-1/2)     | yes            |
| Longitudinal moisture penetration protection | yes            |
| Rodent-resistant                             | not            |
| Tube                                         | central        |
| Fiber type                                   | SM             |
| Outer sheath                                 | PP             |
| Outer sheath color                           | orange         |
| Outer sheath thickness                       | 1,5mm          |
| Operating temperature range                  | -30°C / +70°C  |
| Installation temperature range               | -15°C / +50°C  |
| Transport temperature range                  | -40°C / +70°C  |



## Available variants

Direct burial DAC cable

| Catalogue number | Construction   | Bending radius [mm] | Weight [kg/km] | Cable diameter [mm] | Maximum tensile force [N] |
|------------------|----------------|---------------------|----------------|---------------------|---------------------------|
| 02S3-DAC00-2000Q | 2 x SM (1x2)   | 120                 | 26             | 6,0                 | 1100                      |
| 04S3-DAC00-2000Q | 4 x SM (1x4)   | 120                 | 26             | 6,0                 | 1100                      |
| 12S3-DAC00-2000Q | 12 x SM (1x12) | 120                 | 36             | 6,0                 | 1100                      |
| 24S3-DAC00-2000Q | 24 x SM (1x24) | 120                 | 46             | 6,0                 | 1100                      |



### Resistance to environmental conditions

Designed for direct ground installation, meaning it is resistant to weather conditions, including UV radiation, moisture, and variable temperatures.

### Outer Layer

The outer sheath is made of materials resistant to abrasion and damage, protecting the cable's interior from external factors.

### High transmission quality

Thanks to the use of high-quality optical fibers, the cable provides stable data transmission with minimal attenuation and signal reflections.