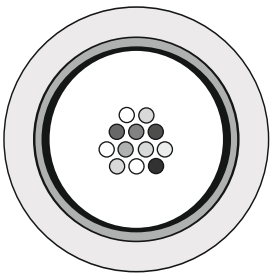


Fiber Optic Cable DAC GOSNA

Description

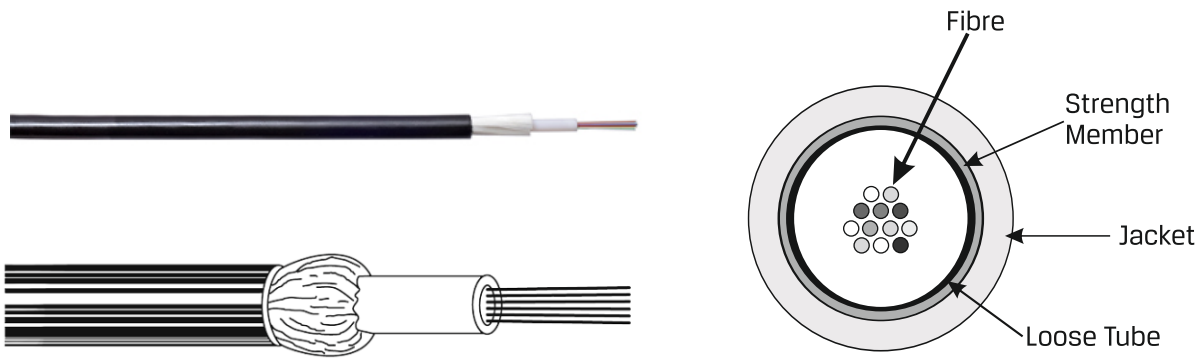
Fiber Optic Cable DAC (Direct Access Cable) GOSNA (A/I-DQ(ZN)BH) is used for outdoor applications: in structured (data) wiring systems (campus backbone) and in networks for telecom, cable TV and/or broadcast. Suitable for **direct burial**. Easy to install in ducts, tunnels and trenches.



Application

Telecommunication, LAN, MAN, WAN, FTTx networks.

Photos



Cable specifications (construction in accordance with IEC 60794)

- » Primary coated optical fibres: $\varnothing 250 \pm 15 \mu\text{m}$.
- » Central tube, jelly filled (non-dripping and silicon-free) with up to 24 fibres.
- » Individually colour coded optical fibres:
 - 1 – 12: red – natural – yellow – blue – green – violet – brown – black – orange – turquoise – pink and white.
 - 13 – 24: red – natural – yellow – blue – green – violet – brown – grey – orange – turquoise – pink and white with rings.
- » Swellable yarns as strength members and for the longitudinal watertightness.
- » Black UV resistant PE outer jacket.
- » Identification: BELDEN OFC – "cable type" – number x type of fibre + date-, meter- and P/N marking.
- » Predicted lifetime $>30 \text{ lat}$.

Mechanical and physical characteristics

Temperature range:

| | |
|-----------------------|--------------|
| Transport and storage | -30 do +70 C |
| Installation | -5 do +50 C |
| Operation | -30 do +70 C |

Flame retardancy:

| | |
|------------------|-------------|
| Flame retardancy | IEC 60332-1 |
| Halogen-free | IEC 60754-2 |
| corrosivity | |

Mechanical requirements:

| | | |
|--|------------|-----------------------|
| Bending radii cable | static | 10 x \varnothing |
| | dynamic | 15 x \varnothing |
| Pulling tension | long term | $\leq 700 \text{ N}$ |
| | short term | $\leq 1500 \text{ N}$ |
| Bending radii for fibres and tubes | | $> 25 \text{ mm}$ |
| Watertightness | Yes | |
| \varnothing Central tube (max. 24j) | 3.3 | |
| \varnothing nom./max (mm) (dla max. 24j) | 5.8 / 6.1 | |
| Energy of flame (kJ/m) | 762 | |
| Weight (kg/km) | 28 | |

How to order

| Typ włókna | 2 | 4 | 6 | 8 | 12 | 16 | 24 |
|--------------------|---------|---------|---------|---------|---------|---------|---------|
| 9/125 ITU G.657.A1 | GOSNA02 | GOSNA04 | GOSNA06 | GOSNA08 | GOSNA12 | GOSNA16 | GOSNA24 |