

xxxx-DAC00-2000Q

Direct burial DAC cable

The DAC subscriber cable (Direct Access Cable) is a very lightweight dielectric cable with a central tube, designed for direct burial in the ground. It features a small outer diameter, ensuring easy installation.

The cable is constructed with protection against longitudinal moisture ingress. It is resistant to crushing and tensile forces thanks to reinforcing elements such as aramid fibers and FRP rods. The stiffening elements in the outer sheath ensure that the cable bends only in one plane.

It is intended for FTTH (Fiber to the Home) projects.



Technical specifications

Direct burial DAC cable

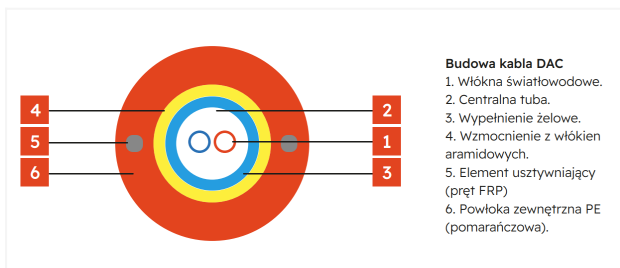
Product group	outdoor cable
Fiber standard	ITU-T G.657.A1
Deformation resistance	yes
Halogen-free (according to EN 13501-1/2)	yes
Longitudinal moisture penetration protection	yes
Rodent-resistant	not
Tube	central
Fiber type	SM
Outer sheath	PP
Outer sheath color	orange
Outer sheath thickness	1,5mm
Operating 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

Catalog number	Construction	Bending radius [mm]	Weight [kg/km]	Cable diameter [mm]	Max. 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 external conditions

Designed for direct burial in the ground, which means it is resistant to environmental factors, including UV radiation, moisture, and temperature fluctuations.

Outer material

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

High transmission quality

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