



xxxx--DAC00-2000Q

Direct burial DAC cable

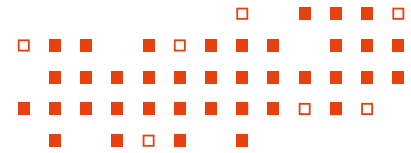
The Direct Access Cable (DAC) is a lightweight, non-metallic, central tube, direct-buried access cable with a small diameter for easy installation. FRP rods and aramid fibers provide resistance to crushing and tensile forces. The design allows the cable to bend along a single surface. It is specifically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



Technical specifications

Direct burial DAC cable

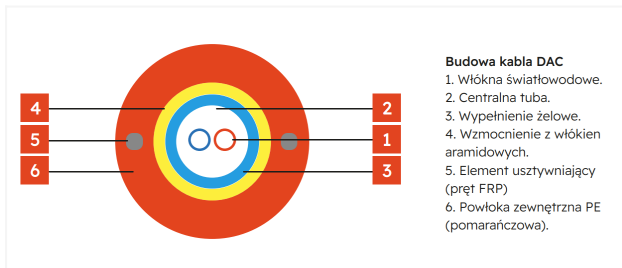
Product group	outdoor cable
Fiber standard	ITU-T G.657.A1
Deformation resistance	yes
Halogen-free (according to EN 13501-1/2)	yes
Longitudinal moisture penetration protection	yes
Rodent-resistant	not
Tube	central
Fiber type	SM
Outer sheath	PP
Outer sheath color	orange
Outer sheath thickness	1,5mm
Operating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