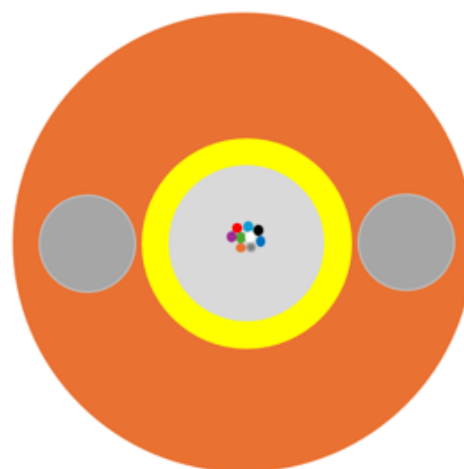


MI-DAC-2J-7A1-PE-UVP-V-AN
UNDERGROUND FIBER OPTIC CABLES

Preview photo

DAC 2J fiber optic cable, G657A1, 4.7 mm diameter, 1000 N, polyethylene, UV resistant

Ground and conduit fiber-optic cables are outdoor network cables, designed to be laid directly in the ground or in tele-technical conduits. The cable's sheath insulates the fibers inside it, providing permanent protection against the harmful effects of climatic and mechanical factors, such as elevated temperatures, creasing or flooding with water. The cable's tubes are twisted around a central strength element, which is a glass fiber reinforced with two FRP rods. This reduces the risk of loss of transmission continuity and damage to the network, and the need for repair decreases as much as possible.



Application

- installation directly in the ground

Main features

- fully dielectric cable
- fiber colors in accordance with IEC 60304
- possibility to bury directly in the ground
- UV-resistant
- single-mode fibers 9/125µm in G.657A1 standard
- reinforcement in the form of two FRP rods

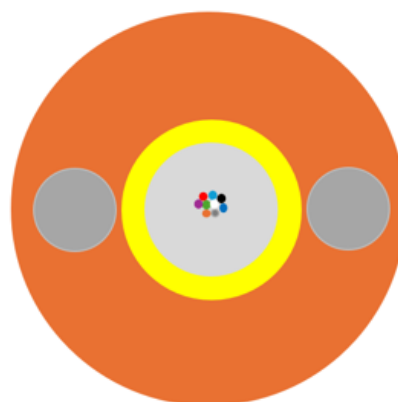
Standards and certificates

- ITU-T G.657
- PN-EN 60794-1

MI-DAC-2J-7A1-PE-UVP-V-AN
UNDERGROUND FIBER OPTIC CABLES

Preview photo

**DAC 2J fiber optic cable,
G657A1, 4.7 mm diameter,
1000 N, polyethylene, UV
resistant**


Specification

Attribute	Value
Sheath colour	orange
Fiber type	G.657A1
tube colour	CC2
Outer sheath	HDPE
Number of fibres in the tube	2
Operating temperature	-40 °C to +65 °C
Installation temperature	- 15 °C to +55°C
Storage temperature	-40 °C to + 65 °C
Minimum bending radius – static	10xD
Central reinforcing element	FRP
Minimum bending radius – dynamic	20xD
Installation method	installation in the ground
Network Type	access
Cable construction	additional FRP rod reinforcement, moisture ingress protection, UV resistance

UV resistance	YES
Crush strength	2500 N
Weight	17,7 kg
Tensile strength	1000 N
Cable diameter	4,7 mm
Number of ripcords	0
Attenuation at 1310nm	≤0,32 dB/km
Attenuation at 1550nm	≤0,22 dB/km
Coating thickness	1,6 mm

Configuration

Product code	Product name
MI-DAC-2J-7A1-PE-UVP-V-AN	DAC 2J fiber optic cable, G657A1, 4.7 mm diameter, 1000 N, polyethylene, UV resistant