

A-DQ(BN)2Y-CLT

Dielectric central loose tube, PE

FIBERS**2-12*****OUTER JACKET****PE****PROTECTION****Non-metallic**

Indicative construction. Fiber count and colors vary by configuration.

Overview

A gel-filled central loose-tube cable for outdoor access and distribution ducts. Water-blocking glass yarn provides non-metallic reinforcement beneath the PE jacket.

Construction

- UV-resistant PE outer sheath
- Water-blocking glass yarn
- PBT central loose tube, 3.0 mm
- Thixotropic jelly
- Optical fibers / ripcords

Applications

- Outdoor access and distribution networks
- Campus and industrial links
- Duct and conduit installation
- Telecommunication trunk and FTTB routes

Features

Compact gel-filled central tube | Dielectric glass-yarn reinforcement | UV-resistant PE jacket | Ripcords for sheath access

Referenced standards

IEC 60754-1; IEC 61034-1/2; IEC 60794-1/2. IEC 60332-1 is subject to the specified sheath construction.

Referenced standards do not establish a CPR class or a separate fire-resistance rating. Request the documents matching the supplied construction.

A-DQ(BN)2Y-CLT

Technical specifications

Construction data

Loose-tube diameter	3.0 mm
Tube material	PBT
Strength members	Water-blocking glass yarn
Outer jacket	Polyethylene

Dimensional and mechanical schedule

Documented fiber counts	Cable OD / mm	Weight / kg/km
2 / 4 / 6 / 8 / 12	7.0	55

Optical characteristics

Fiber grade	Core / cladding / μm	Wavelength / nm	Max. loss / dB/km
OM1	62.5/125	850 / 1300	3.2 / 1.2
OM2	50/125	850 / 1300	3.0 / 1.0
OM3	50/125	850 / 1300	2.8 / 0.8
OM4	50/125	850 / 1300	2.7 / 0.7

General performance

Tensile, service / installation	800 / 1200 N
Crush resistance	1500 N (E3)
Minimum bending radius	20D
Temperature range	-30 to +70 °C
Tube / outer jacket	PBT / PE

Dimensions shown are for the documented 2-12F schedule. Higher counts require a matching approved variant schedule. Mechanical reinforcement is non-metallic; there is no steel-tape armour.

D = outer cable diameter. Service / installation = permanent / temporary tensile load.

[VIEW PRODUCT AND REQUEST A QUOTE >](#)