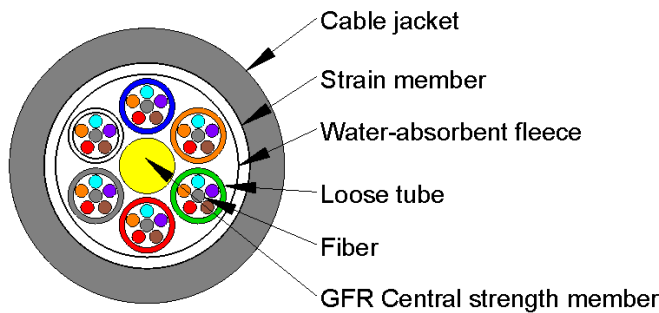


Outdoor Multi Loose Tube Cable with 24-72 Fibers



Application

Series of ISO/IEC 11801

Standards

IEC 50173; IEC 60793; IEC 60794

Construction

Construction	A-DQ(ZN)B2Y
Outer jacket	Ø 13.7 mm ± 0.3 mm; UV resistant PE
Weight	149 kg/km
Cable marking	TELEGÄRTNER Outdoor – "Standard cable print" "manufacturing date" + "production batch no." "sequential length in meters".
Colour cable printing	white
Cable core	Loose tube jelly filled (non-dripping and silicon-free)
max. 12 fibers per loose tube	Ø 2.5 mm
Loose tube colour code	1. red – 2. green – rest white
Fiber colour code	red- green- blue- yellow- violett- pink- orange- black- grey- brown- white- torquoise
Strain member	Swellable glass yarns, also used for rodent protection and longitudinal watertightness

Mechanical characteristics

Bending radius for fibers	> 25 mm
Bending radius static	20x cable diameter acc. to IEC 60794-1-21-E11
Bending radius dynamic	20x cable diameter acc. to IEC 60794-1-21-E6
Tensile strength	acc. to IEC 60794-1-21-E1
Installation (short term)	6600 N
Operation (long term)	2200 N
Crush resistance	acc. to IEC 60794-1-21-E3
Installation (short term)	15 kN/m
Operation (long term)	7.5 kN/m
Longitudinal watertightness	acc. to IEC 60794-1-22-F5

Thermal properties

Temperature range	acc. to IEC 60794-1-22-F1
Storage	-30 to +70 °C
Installation	-5 to +50 °C
Operation	-30 to +70 °C

Optical properties

Fiber data sheet for OS2: T00004A0014; OM2-OM4: T00004A0015

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Guide to installation and handling

To ease insertion into tubes by means of compressed air or pulling wire, certified lubricants (e.g. paraffin) may be used. The use of soap or similar substances as lubricants is strictly prohibited.
If a cable needs to be fastened, constructions > 0.3 mm must be prevented.
The jelly filling inside the tubes can be removed using a tissue soaked in turpentine.
It is advisable to cap the cable-ends during storage.

Ordering information

Std. plywood reel (non-returnable) Ø 1250 x 688 mm, 74 kg
Std. delivery length 2000 m +5% / -0%

Order no	Standard Cable print	Jacket colour	Barcode EAN13	Fiber count	Fiber type
L08020D1005	A-DQ(ZN)B2Y 2x12E9/125 OS2	black	4018359515492	24	Singlemode OS2
L08020D1006	A-DQ(ZN)B2Y 4x12E9/125 OS2	black	4018359496210	48	Singlemode OS2
L08021D1106	A-DQ(ZN)B2Y 4x12G50/125 OM2	black	4018359497002	48	Multimode OM2
L08021D1206	A-DQ(ZN)B2Y 4x12G50/125 OM3	black	4018359497019	48	Multimode OM3
L08021D1306	A-DQ(ZN)B2Y 4x12G50/125 OM4	black	4018359497026	48	Multimode OM4

The editions of the aforementioned standards by the time of 08.01.2018 are valid.