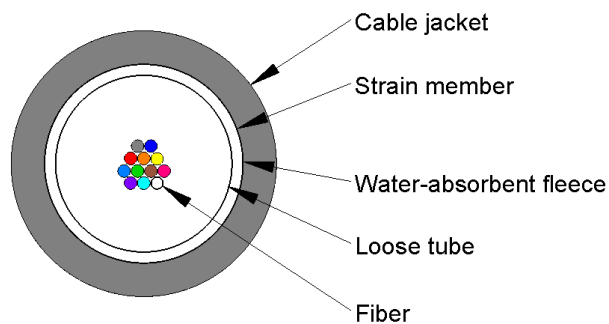


Outdoor Central Loose Tube Cable with 4-24 Fibers



Application

Series of ISO/IEC 11801

Standards

IEC 50173; IEC 60793; IEC 60794

Construction

Construction	A-DQ(ZN)B2Y
Outer jacket	Ø 5.8 mm, ± 0.3 mm; UV resistant PE
Weight	28 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. 24 fibers	Ø 3.3 mm
Fiber colour code	1-12: red-nature-yellow-blue-green-violet-brown-black-orange-torquoise-pink-white 13-24: red- nature-yellow-blue-green-violet-brown-grey-orange-torquoise-pink-white <u>with rings</u>
Strain member	Swellable glass yarns, also used for rodent protection and longitudinal watertightness

Mechanical characteristics

Bending radius for fibres	> 25 mm
Bending radius static	10x 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)	1500 N
Operation (long term)	700 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

Outdoor Central Loose Tube Cable with 4-24 Fibers



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 600 x 447 mm, 5.9 kg

Std. delivery length 2000 m +5% / -0%

Order no	Standard Cable print	Jacket colour	Barcode EAN13	Fiber count	Fiber type
L08020D0003	A-DQ(ZN)B2Y 1x8E9/125 OS2	black	4018359515485	8	Singlemode OS2
L08020D0004	A-DQ(ZN)B2Y 1x12E9/125 OS2	black	4018359496227	12	Singlemode OS2
L08020D0005	A-DQ(ZN)B2Y 1x24E9/125 OS2	black	4018359496845	24	Singlemode OS2
L08021D0101	A-DQ(ZN)B2Y 1x4G50/125 OM2	black	4018359496852	4	Multimode OM2
L08021D0102	A-DQ(ZN)B2Y 1x6G50/125 OM2	black	4018359496869	6	Multimode OM2
L08021D0103	A-DQ(ZN)B2Y 1x8G50/125 OM2	black	4018359496876	8	Multimode OM2
L08021D0104	A-DQ(ZN)B2Y 1x12G50/125 OM2	black	4018359496883	12	Multimode OM2
L08021D0105	A-DQ(ZN)B2Y 1x24G50/125 OM2	black	4018359496890	24	Multimode OM2
L08021D0201	A-DQ(ZN)B2Y 1x4G50/125 OM3	black	4018359496906	4	Multimode OM3
L08021D0202	A-DQ(ZN)B2Y 1x6G50/125 OM3	black	4018359496913	6	Multimode OM3
L08021D0203	A-DQ(ZN)B2Y 1x8G50/125 OM3	black	4018359496920	8	Multimode OM3
L08021D0204	A-DQ(ZN)B2Y 1x12G50/125 OM3	black	4018359496937	12	Multimode OM3
L08021D0205	A-DQ(ZN)B2Y 1x24G50/125 OM3	black	4018359496944	24	Multimode OM3
L08021D0301	A-DQ(ZN)B2Y 1x4G50/125 OM4	black	4018359496951	4	Multimode OM4
L08021D0302	A-DQ(ZN)B2Y 1x6G50/125 OM4	black	4018359496968	6	Multimode OM4
L08021D0303	A-DQ(ZN)B2Y 1x8G50/125 OM4	black	4018359496975	8	Multimode OM4
L08021D0304	A-DQ(ZN)B2Y 1x12G50/125 OM4	black	4018359496982	12	Multimode OM4
L08021D0305	A-DQ(ZN)B2Y 1x24G50/125 OM4	black	4018359496999	24	Multimode OM4

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