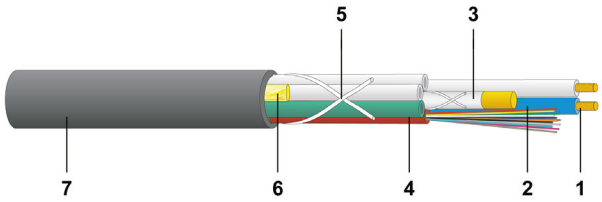
FO Outdoor wbKT Micro Combi / A-DQS(ZN)2Y

Micro Combi, up to 48 fibres + 2 stranded copper wires, Euroclass Fca

dry interstices



1 Copper wire, stranded, 0.50 mm2
2 Loose tube with ≤ 12 fibres
3 Support element
4 Loose tube
5 Swelling tape
6 Aramid yarn / ripcord
7 PE sheath

Description

Very compact fibre optic outdoor cable with up to 48 fibres in stranded loose tubes, dry interstices and two stranded copper wires.
Easily cut-back, installation friendly cable construction.
The two coloured ripcords are easy to identify and enable the safe opening of the cable sheath.

Application

For injection into microducts,
particularly for safety-related applications such as
- power supply of remote systems
- remote control of connecting technology

Construction

Armouring (rodent protection)	non-armoured
Outer sheath material	PE

General Properties

Imprint	DATWYLER «cable type» «additional text» «batch number» «meter marks»
Installation temperature	-15 °C - +40 °C
Operating temperature	-25 °C - +70 °C
Storage temperature	-25 °C - +70 °C

Standards

Tensile performance	IEC 60794-1-21 E1
Crush resistance	IEC 60794-1-21 E3
Impact	IEC 60794-1-21 E6
Repeated bending	IEC 60794-1-21 E7
Torsion	IEC 60794-1-21 E11
Bend	IEC 60794-1-22 F5
Reaction to fire (Euroclasses)	EN 13501-6: F_{ca}
Zero halogen no corrosive gases	IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2

Note

This cable meets the requirements of the “Catalogue of Safety Requirements for Operating Telecommunication and Data Processing Systems as well as for Processing Personal Data in Accordance with § 109 German Telecommunications Act (TKG)” of the German Bundesnetzagentur.

Versions

Material number	Product	Reaction To Fire	Outer sheath colour	Fibre type	Outer sheath diameter [mm]	Bending radius [mm]	Weight [kg\km]	Tensile load [N]	Crush resistance short term [N]	Crush resistance continuous [N]	Fire load [kWh\m]	Packing
19440900FZ	wbKT Micro Combi 4x12 + 2x0.50	Fca	black	E9/125 G.652.D OS2	6.5	150	45	1,000	1,600	600	0.25	by the me