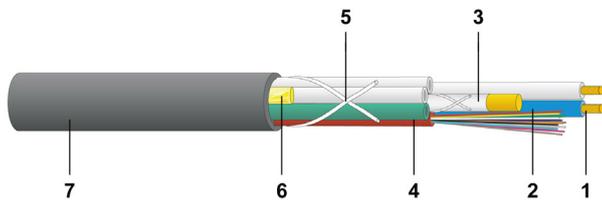


## FO Outdoor wbKT Micro Combi / A-DQS(ZN)2Y

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



- 1 Copper wire, stranded, 0.50 mm<sup>2</sup>
- 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	HDPE

### General properties

Maximum number of fibres	72
Installation temperature	-10 °C - +40 °C
Storage temperature	-25 °C - +70 °C
Operating temperature	-25 °C - +70 °C
Inprint	DATWYLER «cable type» «additional text» «batch number» «meter marks»
Field of application	Outdoor

## Standards

Tensile performance	IEC 60794-1-21 E1
Crush resistance	IEC 60794-1-21 E3
Impact	IEC 60794-1-21 E4
Repeated bending	IEC 60794-1-21 E6
Torsion	IEC 60794-1-21 E7
Kink	IEC 60794-1-21 E10
Bend	IEC 60794-1-21 E11
Temperature cycling	IEC 60794-1-22 F1
Water penetration	IEC 60794-1-22 F5
Reaction to fire	EN 13501-6
Euroclass	F <sub>ca</sub>
Zero halogen no corrosive gases	IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2

## Note

Datwyler recommends blowing in micro and mini cables in an ambient temperature range from -2°C to +35°C.

For installation, a blow-in device with a rubber pull-in bead is recommended.

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	Fibre category	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 unit	GTIN / EAN
19440900FZ	FO Outdoor wbKT Micro Combi 4x12	Fca	black	E9/125 G.652.D BLO	OS2	6.5	150	45	1,000	1,600	600	0.25	by the metre	

Subject to technical modification

As of 2024-06-27 11:36:17