

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

Micro, up to 144 fibres, Euroclass Fca
metal-free, non-armoured,
dry interstices, longitudinally watertight



- 1 ≤ 24 fibres
- 2 Loose tube
- 3 Aramid yarn
- 4 HDPE sheath



DESCRIPTION

Very compact, metal-free fibre optic outdoor cable with up to 144 fibres in stranded loose tubes.
Easily cut-back, installation friendly cable construction with dry interstices.

APPLICATION

FTTx, Fibre-to-the-home networks.
Optimised for injection into microducts

OPTICAL PROPERTIES

The cables are available with different types of optical fibre (see fibre data sheets).

MECHANICAL PROPERTIES

Temperature range	storage:	-40/+70°C	IEC 60794-1-22 F1
	during installation/injection:	-2/+35°C	
	in operation:	-40/+70°C	
Tensile performance:	IEC 60794-1-21 E1		
Crush resistance:	IEC 60794-1-21 E3		
Repeated bending:	IEC 60794-1-21 E6		
Torsion:	IEC 60794-1-21 E7		
Bend:	IEC 60794-1-21 E11		
Water penetration:	IEC 60794-1-22 F5		

ACCESSOIRES

Please find the appropriate FTTx accessories in the data sheets on our homepage or in the Datwyler FTTH catalogue.

STANDARDS

Reaction to fire (Euroclass)	EN 13501-6: F _{ca}
Imprint	DATWYLER «cable type» «Datwyler designation» «DIN designation» «no. of fibres» «fibre type» «add. text» «batch no.» «meter marks»
Zero halogen, no corrosive gases	IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2

VERSIONS

Article No.	DoP	Product	Reaction to fire (Euroclass)	Number of fibres	Loose Tubes	Sheath colour	Fibre type	Sheath Ø [mm]	Weight [kg/km]	Bending radius [mm]	Tensile load [N]	Crush resistance continuous [N]	Crush resistance short term [N]	Fire load [kWh/m]	PU
19170600FZ		FO Outdoor Micro 1x12	Fca	12	5	black	E9/125 G.652.D OS2	6.6	35	150	1000	600	1600	0.247	by the metre
19008000FZ		FO Outdoor Micro 2x12	Fca	24	5	black	E9/125 G.652.D OS2	6.6	35	150	1000	600	1600	0.247	by the metre
19213100FZ		FO Outdoor Micro 2x12	Fca	24	5	black	E9/125 G.652.D BLO	6.6	35	150	1000	600	1600	0.247	by the metre
19022900FZ		FO Outdoor Micro 3x12	Fca	36	5	black	E9/125 G.652.D OS2	6.6	35	150	1000	600	1600	0.247	by the metre
19023000FZ		FO Outdoor Micro 4x12	Fca	48	5	black	E9/125 G.652.D OS2	6.6	35	150	1000	600	1600	0.247	by the metre

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19185900FZ	FO Outdoor Micro 4x12	Fca	48	5	black	E9/125 G.652.D BLO	6.6	38	150	1000	600	1600	0.247	by the metre
19023100FZ	FO Outdoor Micro 5x12	Fca	60	5	black	E9/125 G.652.D OS2	6.6	35	150	1000	600	1600	0.247	by the metre
19186000FZ	FO Outdoor Micro 5x12	Fca	60	5	black	E9/125 G.652.D BLO	6.6	35	150	1000	600	1600	0.247	by the metre
19023200FZ	FO Outdoor Micro 6x12	Fca	72	6	black	E9/125 G.652.D OS2	6.5	40	150	1000	600	1600	0.234	by the metre
19185800FZ	FO Outdoor Micro 6x12	Fca	72	6	black	E9/125 G.652.D BLO	6.5	40	150	1000	600	1600	0.234	by the metre
19181300FZ	FO Outdoor Micro 8x12	Fca	96	8	black	E9/125 G.652.D OS2	7.6	55	250	2500	600	1400	0.303	by the metre
19215800FZ	FO Outdoor Micro 8x12	Fca	96	8	black	E9/125 G.652.D BLO	7.6	55	250	2500	600	1400	0.303	by the metre
19181400FZ	FO Outdoor Micro 6x24	Fca	144	6	black	E9/125 G.652.D OS2	8.2	58	250	2500	600	1400	0.344	by the metre