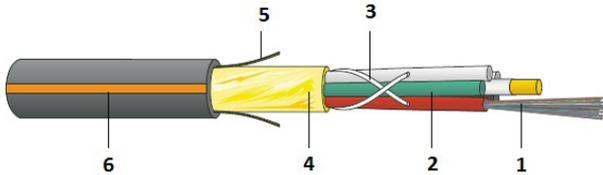


FO Outdoor wbKT HP / A-DQ(ZN)2Y

HighP Euroclass Fca

metal-free, dry interstices,
non-armoured, longitudinally watertight



- 1 ≤ 12 fibres
- 2 Loose tube
- 3 Swelling tape
- 4 Aramid yarn
- 5 Ripcord
- 6 HDPE sheath



Description

Compact, metal-free fibre optic outdoor cable with stranded loose tubes.
Water blocking elements in the strand interstices prevent water penetration.
Easy handling due to lightweight construction.
The two coloured ripcords are easy to identify and enable the safe opening of the cable sheath.
HDPE cable sheath, easy to lay.

Application

For pulling in or blowing through thermoplastic duct systems.
Suitable for laying in cable platforms and cable trays.
Direct burial.

Construction

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

General properties

Maximum number of fibres	144
Installation temperature	-10 °C - +50 °C
Storage temperature	-40 °C - +70 °C
Operating temperature	-40 °C - +70 °C
Imprint	DATWYLER «cable type» «Datwyler designation» «DIN designation» «no. of fibres» «fibre type» «add. text» «batch no.» «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
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 _{ca}
Zero halogen no corrosive gases	IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2

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
19066100FZ	FO Outdoor wbKT HP 1x12	Fca	black/orange	E9/125 G.652.D OS2	OS2	10.2	155	78	2,500	3,000	1,000	0.748	by the metre	
19066200FZ	FO Outdoor wbKT HP 2x12	Fca	black/orange	E9/125 G.652.D OS2	OS2	10.2	155	78	2,500	3,000	1,000	0.748	by the metre	
19016000FZ	FO Outdoor wbKT HP 4x12	Fca	black/orange	E9/125 G.652.D OS2	OS2	10.2	155	78	2,500	3,000	1,000	0.748	by the metre	
19016100FZ	FO Outdoor wbKT HP 5x12	Fca	black/orange	E9/125 G.652.D OS2	OS2	10.2	155	78	2,500	3,000	1,000	0.748	by the metre	
19016200FZ	FO Outdoor wbKT HP 6x12	Fca	black/orange	E9/125 G.652.D OS2	OS2	11	165	92	3,000	3,000	1,000	0.843	by the metre	
19016300FZ	FO Outdoor wbKT HP 8x12	Fca	black/orange	E9/125 G.652.D OS2	OS2	12.5	190	111	3,000	3,000	1,000	1.01	by the metre	
19016400FZ	FO Outdoor wbKT HP 10x12	Fca	black/orange	E9/125 G.652.D OS2	OS2	14	210	140	3,000	3,000	1,000	1.185	by the metre	
19016500FZ	FO Outdoor wbKT HP 12x12	Fca	black/orange	E9/125 G.652.D OS2	OS2	15.6	235	185	3,000	3,000	1,000	1.39	by the metre	

Subject to technical modification

As of 2024-06-27 11:36:16