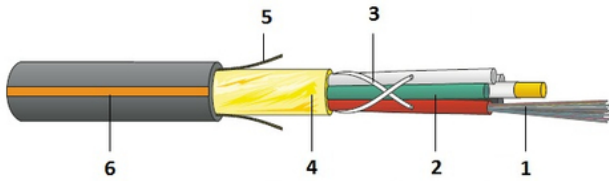


FO Outdoor wbKT HP / A-DQ(ZN)2Y

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.

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:	-10 / +50°C	
	in operation:	-40 / +60°C	
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		
Water penetration:	IEC 60794-1-22 F5		

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
19066100FZ		FO Outdoor HP 1x12	Fca	12	5	black	E9/125 G.652.D OS2	10.2	78	155	3000	1000	3000	0.748	by the metre
19066200FZ		FO Outdoor HP 2x12	Fca	24	5	black	E9/125 G.652.D OS2	10.2	78	155	3000	1000	3000	0.748	by the metre
19016000FZ		FO Outdoor HP 4x12	Fca	48	5	black	E9/125 G.652.D OS2	10.2	78	155	3000	1000	3000	0.748	by the metre
19016100FZ		FO Outdoor HP 5x12	Fca	60	5	black	E9/125 G.652.D OS2	10.2	78	155	3000	1000	3000	0.748	by the metre
19016200FZ		FO Outdoor	Fca	72	6	black	E9/125	11	92	165	3000	1000	3000	0.843	by the

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	HP 6x12					G.652.D OS2								metre
19016300FZ	FO Outdoor HP 8x12	Fca	96	8	black	E9/125 G.652.D OS2	12.5	111	190	3000	1000	3000	1.01	by the metre
19016400FZ	FO Outdoor HP 10x12	Fca	120	10	black	E9/125 G.652.D OS2	14	140	210	3000	1000	3000	1.185	by the metre
19016500FZ	FO Outdoor HP 12x12	Fca	144	12	black	E9/125 G.652.D OS2	15.6	185	235	3000	1000	3000	1.39	by the metre