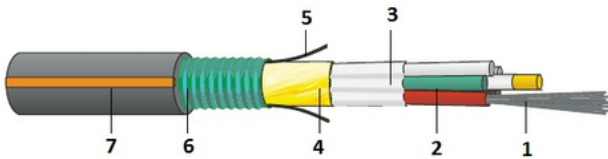


FO Outdoor wbKWT HP / A-DQ(ZN)(SR)2Y



HighP Euroclass Fca
dry interstices, longitudinally watertight,
corrugated steel tape, rodent proof



- 1 ≤ 24 fibres
- 2 Loose tube
- 3 Swelling tape
- 4 Aramid yarn
- 5 Ripcord
- 6 Corrugated steel tape
- 7 HDPE sheath



DESCRIPTION

Robust fibre optic outdoor cable with multiple loose tubes.
Installation friendly dry construction.
Rodent proof due to corrugated steel tape.
High tensile strength, easy to lay.
Optimised for installation in and blowing into ducts.

APPLICATION

For pulling in or blowing through ducts.
Suitable for laying in cable platforms, cable shafts and even in complex cable trays, particularly where a reliable rodent protection is required.
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
19018400FZ		FO Outdoor HP 2x12	Fca	24	5	black	E9/125 G.652.D OS2	13.4	145	200	2500	1500	4000	1.019	by the metre
19608000FZ		FO Outdoor HP 2x12	Fca	24	5	black	G50/125 OM3	13.4	145	200	2500	1500	4000	1.019	by the metre
19018500FZ		FO Outdoor HP 4x12	Fca	48	5	black	E9/125 G.652.D OS2	13.4	145	200	2500	1500	4000	1.019	by the metre
18659000FZ		FO Outdoor HP 5x12	Fca	60	5	black	E9/125 G.652.D OS2	13.4	145	200	2500	1500	4000	1.019	by the metre
19065000FZ		FO Outdoor	Fca	72	5	black	E9/125	13.4	149	200	2500	1500	4000	1.019	by the

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	HP 6x12				G.652.D OS2								metre
19169800FZ	FO Outdoor Fca HP 4x24	96	6	black	E9/125 G.652.D OS2	13.6	167	205	2500	1500	4000	1.094	by the metre
19119700FZ	FO Outdoor Fca HP 6x24	144	6	black	E9/125 G.652.D OS2	13.6	170	205	2500	1500	4000	1.094	by the metre