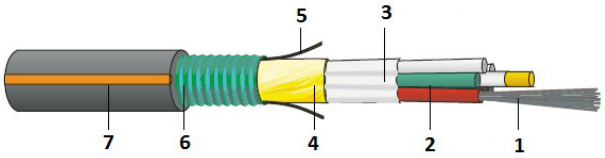
FO Outdoor wbKWT HP / A-DQ(ZN)(SR)2Y

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.

Construction

Armouring (rodent protection)	rodent proof
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 continu-ous [N]	Fire load [kWh/m]	Packing unit	GTIN / EAN
19018400FZ	FO Outdoor wbKWT HP 2x12	Fca	black/ orange	E9/125 G.652.D OS2	OS2	13.4	200	145	2,500	4,000	1,500	1.019	by the metre	
19608000FZ	FO Outdoor wbKWT HP 2x12	Fca	black/ orange	G50/125 OM3	OM3	13.4	200	145	2,500	4,000	1,500	1.019	by the metre	
19018500FZ	FO Outdoor wbKWT HP 4x12	Fca	black/ orange	E9/125 G.652.D OS2	OS2	13.4	200	145	2,500	4,000	1,500	1.019	by the metre	
19339800FZ	FO Outdoor wbKWT HP 4x12	Fca	black/ orange	G50/125 OM3	OM3	13.4	200	145	2,500	4,000	1,500	1.019	by the metre	
19723400FZ	FO Outdoor wbKWT HP 4x12	Fca	black/ orange	G50/125 OM4	OM4	13.4	200	145	2,500	4,000	1,500	1.019	by the metre	
18659000FZ	FO Outdoor wbKWT HP 5x12	Fca	black/ orange	E9/125 G.652.D OS2	OS2	13.4	200	145	2,500	4,000	1,500	1.019	by the metre	
19065000FZ	FO Outdoor wbKWT HP 6x12	Fca	black/ orange	E9/125 G.652.D OS2	OS2	13.4	200	149	2,500	4,000	1,500	1.019	by the metre	
19169800FZ	FO Outdoor wbKWT HP 4x24	Fca	black/ orange	E9/125 G.652.D OS2	OS2	13.6	205	167	2,500	4,000	1,500	1.094	by the metre	
19119700FZ	FO Outdoor wbKWT HP 6x24	Fca	black/ orange	E9/125 G.652.D OS2	OS2	13.6	205	170	2,500	4,000	1,500	1.094	by the metre	