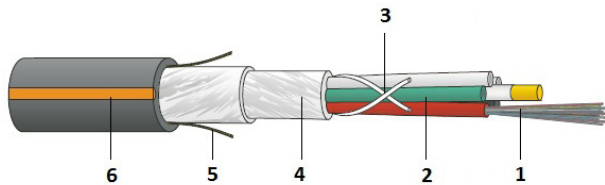


FO Outdoor wbGGT HP / A-DQ(ZN)B2Y

HighP Euroclass Fca

non metallic, dry interstices,
water resistant, rodent protection



- 1 ≤ 24 fibres
- 2 Loose tube
- 3 Swelling tape
- 4 Glass armour
- 5 Ripcord
- 6 HDPE sheath



Description

Robust, metal-free fibre optic outdoor cable with stranded loose tubes in one layer.
High crush resistance for high transmission reliability.
Easy handling due to the use of dry strand interstices.
Non-metallic rodent protection.
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, cable trays
and even in complex cable trays.
Direct burial.

Construction

Armouring (rodent protection)	rodent proof
Outer sheath material	PE

General Properties

Imprint	DATWYLER «cable type» «Datwyler designation» «DIN designation» «no. of fibres» «fibre type» «add. text» «batch no.» «meter marks»
Installation temperature	-10 °C - +50 °C
Operating temperature	-40 °C - +70 °C
Storage temperature	-40 °C - +70 °C

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
Water penetration	IEC 60794-1-22 F5
Reaction to fire (Euroclasses)	EN 13501-6
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	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
19005900FZ	FO Outdoor HP 1x12	Fca	black	E9/125 G.652.D OS2	12	180	136	9,000	8,000	3,000	1.04	by the metre
19065100FZ	FO Outdoor HP 1x12	Fca	black	G50/125 OM3	12	180	136	9,000	8,000	3,000	1.04	by the metre
18674800FZ	FO Outdoor HP 2x12	Fca	black	E9/125 G.652.D OS2	12	180	136	9,000	8,000	3,000	1.04	by the metre
19036800FZ	FO Outdoor HP 2x12	Fca	black	G50/125 OM3	12	180	136	9,000	8,000	3,000	1.04	by the metre
19444400FZ	FO Outdoor HP 2x12	Fca	black	G50/125 OM4	12	180	136	9,000	8,000	3,000	1.04	by the metre
19005800FZ	FO Outdoor HP 3x12	Fca	black	E9/125 G.652.D OS2	12	180	136	9,000	8,000	3,000	1.04	by the metre
18738500FZ	FO Outdoor HP 4x12	Fca	black	E9/125 G.652.D OS2	12	180	136	9,000	8,000	3,000	1.04	by the metre
19036900FZ	FO Outdoor HP 4x12	Fca	black	G50/125 OM3	12	180	136	9,000	8,000	3,000	1.04	by the metre
19017100FZ	FO Outdoor HP 5x12	Fca	black	E9/125 G.652.D OS2	12	180	136	9,000	8,000	3,000	1.04	by the metre
19017200FZ	FO Outdoor HP 6x12	Fca	black	E9/125 G.652.D OS2	12.8	195	151	9,000	8,000	3,000	1.137	by the metre
18676000FZ	FO Outdoor HP 8x12	Fca	black	E9/125 G.652.D OS2	14	210	179	9,000	8,000	3,000	1.305	by the metre
19617400FZ	FO Outdoor HP 8x12	Fca	black	G50/125 OM4	14	210	179	9,000	8,000	3,000	1.305	by the metre
19017400FZ	FO Outdoor HP 9x12	Fca	black	E9/125 G.652.D OS2	15.4	230	209	9,000	8,000	3,000	1.491	by the metre
19017500FZ	FO Outdoor HP 10x12	Fca	black	E9/125 G.652.D OS2	15.4	230	209	9,000	8,000	3,000	1.491	by the metre
19269700FZ	FO Outdoor HP 10x12	Fca	black	G50/125 OM3	15.4	230	209	9,000	8,000	3,000	1.491	by the metre
18739400FZ	FO Outdoor HP 12x12	Fca	black	E9/125 G.652.D OS2	16.9	255	246	9,000	8,000	3,000	1.707	by the metre
19031100FZ	FO Outdoor HP 12x12	Fca	black	G50/125 OM3	16.9	255	246	9,000	8,000	3,000	1.707	by the metre
19076400FZ	FO Outdoor HP 6x24	Fca	black	E9/125 G.652.D OS2	13.8	205	173	9,000	8,000	3,000	1.291	by the metre

Material number	Product	Reaction To Fire	Outer sheath colour	Fibre type	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
19127000FZ	FO Outdoor HP 8x24	Fca	black	E9/125 G.652.D OS2	15	225	191	9,000	8,000	3,000	1.583	by the metre
19069600FZ	FO Outdoor HP 9x24	Fca	black	E9/125 G.652.D OS2	17	255	279	9,000	8,000	3,000	1.993	by the metre
19032500FZ	FO Outdoor HP 12x24	Fca	black	E9/125 G.652.D OS2	18.8	285	296	9,000	8,000	3,000	2.453	by the metre
19215700FZ	FO Outdoor HP 1x12+1x12	Fca	black	E9/125 G.652.D OS2 + G50/125 OM3	12	180	136	9,000	8,000	3,000	1.04	by the metre

Subject to technical modification

As of 2020-11-06 13:44:41