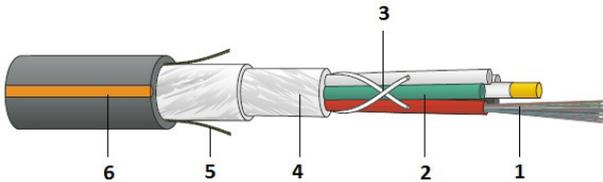


FO Outdoor wbGGT HP / A-DQ(ZN)B2Y

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 protected
Outer sheath material	HDPE

General properties

Maximum number of fibres	288
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
19005900FZ	FO Outdoor wbGGT HP 1x12	Fca	black/orange	E9/125 G.652.D OS2	OS2	12	180	136	9,000	8,000	3,000	1.04	by the metre	
19065100FZ	FO Outdoor wbGGT HP 1x12	Fca	black/orange	G50/125 OM3	OM3	12	180	136	9,000	8,000	3,000	1.04	by the metre	
18674800FZ	FO Outdoor wbGGT HP 2x12	Fca	black/orange	E9/125 G.652.D OS2	OS2	12	180	136	9,000	8,000	3,000	1.04	by the metre	
19036800FZ	FO Outdoor wbGGT HP 2x12	Fca	black/orange	G50/125 OM3	OM3	12	180	136	9,000	8,000	3,000	1.04	by the metre	
19444400FZ	FO Outdoor wbGGT HP 2x12	Fca	black/orange	G50/125 OM4	OM4	12	180	136	9,000	8,000	3,000	1.04	by the metre	
19005800FZ	FO Outdoor wbGGT HP 3x12	Fca	black/orange	E9/125 G.652.D OS2	OS2	12	180	136	9,000	8,000	3,000	1.04	by the metre	
18738500FZ	FO Outdoor wbGGT HP 4x12	Fca	black/orange	E9/125 G.652.D OS2	OS2	12	180	136	9,000	8,000	3,000	1.04	by the metre	
19036900FZ	FO Outdoor wbGGT HP 4x12	Fca	black/orange	G50/125 OM3	OM3	12	180	136	9,000	8,000	3,000	1.04	by the metre	
19017100FZ	FO Outdoor wbGGT HP 5x12	Fca	black/orange	E9/125 G.652.D OS2	OS2	12	180	136	9,000	8,000	3,000	1.04	by the metre	
19017200FZ	FO Outdoor wbGGT HP 6x12	Fca	black/orange	E9/125 G.652.D OS2	OS2	12.8	195	151	9,000	8,000	3,000	1.137	by the metre	
18676000FZ	FO Outdoor wbGGT HP 8x12	Fca	black/orange	E9/125 G.652.D OS2	OS2	14	210	179	9,000	8,000	3,000	1.305	by the metre	
19617400FZ	FO Outdoor wbGGT HP 8x12	Fca	black/orange	G50/125 OM4	OM4	14	210	179	9,000	8,000	3,000	1.305	by the metre	
19017400FZ	FO Outdoor wbGGT HP 9x12	Fca	black/orange	E9/125 G.652.D OS2	OS2	15.4	230	209	9,000	8,000	3,000	1.491	by the metre	
19017500FZ	FO Outdoor wbGGT HP 10x12	Fca	black/orange	E9/125 G.652.D OS2	OS2	15.4	230	209	9,000	8,000	3,000	1.491	by the metre	
19269700FZ	FO Outdoor wbGGT HP 10x12	Fca	black/orange	G50/125 OM3	OM3	15.4	230	209	9,000	8,000	3,000	1.491	by the metre	

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
18739400FZ	FO Outdoor wbGGT HP 12x12	Fca	black/orange	E9/125 G.652.D OS2	OS2	16.9	255	246	9,000	8,000	3,000	1.707	by the metre	
19031100FZ	FO Outdoor wbGGT HP 12x12	Fca	black/orange	G50/125 OM3	OM3	16.9	255	246	9,000	8,000	3,000	1.707	by the metre	
19076400FZ	FO Outdoor wbGGT HP 6x24	Fca	black/orange	E9/125 G.652.D OS2	OS2	13.8	205	173	9,000	8,000	3,000	1.291	by the metre	
19127000FZ	FO Outdoor wbGGT HP 8x24	Fca	black/orange	E9/125 G.652.D OS2	OS2	15	225	191	9,000	8,000	3,000	1.583	by the metre	
19069600FZ	FO Outdoor wbGGT HP 9x24	Fca	black/orange	E9/125 G.652.D OS2	OS2	17	255	279	9,000	8,000	3,000	1.993	by the metre	
19032500FZ	FO Outdoor wbGGT HP 12x24	Fca	black/orange	E9/125 G.652.D OS2	OS2	18.8	285	296	9,000	8,000	3,000	2.453	by the metre	
19215700FZ	FO Outdoor wbGGT HP 2x12	Fca	black/orange	E9/125 G.652.D OS2 + G50/125 OM3	OS2	12	180	136	9,000	8,000	3,000	1.04	by the metre	

Subject to technical modification

As of 2024-06-27 11:36:15