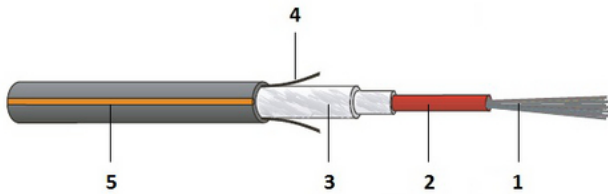


# FO Outdoor ZGGT HP / A-DQ(ZN)B2Y

HighP Euroclass Fca  
 central tube design, metal-free,  
 longitudinally watertight, rodent protection



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



## DESCRIPTION

Robust, metal-free fibre optic outdoor cable with one central loose tube and up to 24 fibres.  
 High tensile strength and high radial load strength for the highest transmission security.  
 Lightweight and installation friendly cable construction.  
 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 shafts  
 and even in very complex 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 (Euroclasses)	EN 13501-6:Fca
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 (Euroclasses)	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
19016600FZ		FO Outdoor HP 1x4	Fca	4	1	black	E9/125 G.652.D OS2	8.2	70	130	2500 N	6000 N	10000 N	0.558	by the metre
18632000FZ		FO Outdoor HP 1x4	Fca	4	1	black	G50/125 OM2	8.2	42	130	2500 N	6000 N	10000 N	0.558	by the metre
19212100FZ		FO Outdoor HP 1x4	Fca	4	1	black	G50/125 OM3	8.2	42	130	2500 N	6000 N	10000 N	0.558	by the metre
19608900FZ		FO Outdoor HP 1x4	Fca	4	1	black	G50/125 OM4	8.2	76	130	2500 N	6000 N	10000 N	0.558	by the metre
19016700FZ		FO Outdoor	Fca	6	1	black	E9/125	8.2	42	130	2500 N	6000 N	10000 N	0.558	by the

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HP 1x6		G.652.D OS2											metre
18648100FZ	FO Outdoor Fca HP 1x6	6	1	black	G50/125 OM2	8.2	42	130	2500 N	6000 N	10000 N	0.558	by the metre
19074700FZ	FO Outdoor Fca HP 1x6	6	1	black	G50/125 OM3	8.2	42	130	2500 N	6000 N	10000 N	0.558	by the metre
19016800FZ	FO Outdoor Fca HP 1x8	8	1	black	E9/125 G.652.D OS2	8.2	42	130	2500 N	6000 N	10000 N	0.558	by the metre
18648000FZ	FO Outdoor Fca HP 1x8	8	1	black	G50/125 OM2	8.2	42	130	2500 N	6000 N	10000 N	0.558	by the metre
19016900FZ	FO Outdoor Fca HP 1x12	12	1	black	E9/125 G.652.D OS2	8.2	58	130	2500 N	6000 N	10000 N	0.558	by the metre
18593700FZ	FO Outdoor Fca HP 1x12	12	1	black	G50/125 OM2	8.2	42	130	2500 N	6000 N	10000 N	0.558	by the metre
18636100FZ	FO Outdoor Fca HP 1x12	12	1	black	G50/125 OM3	8.2	42	130	2500 N	6000 N	10000 N	0.558	by the metre
19261000FZ	FO Outdoor Fca HP 1x12	12	1	black	G50/125 OM4	8.2	76	130	2500 N	6000 N	10000 N	0.558	by the metre
19014900FZ	FO Outdoor Fca HP 1x24	24	1	black	E9/125 G.652.D OS2	8.6	79	135	2500 N	6000 N	10000 N	0.589	by the metre
18666000FZ	FO Outdoor Fca HP 1x24	24	1	black	G50/125 OM2	8.6	49	135	2500 N	6000 N	10000 N	0.589	by the metre
19264500FZ	FO Outdoor Fca HP 1x24	24	1	black	G50/125 OM3	8.6	49	135	2500 N	6000 N	10000 N	0.589	by the metre
19216700FZ	FO Outdoor Fca HP 1x24	24	1	black	G50/125 OM4	8.6	49	135	2500 N	6000 N	10000 N	0.589	by the metre