



- 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 60794-1-2 F1
	during installation:	-10 / +50°C	
	in operation:	-40 / +60°C	
Tensile performance:	IEC 60794-1-2 E1		
Crush resistance:	IEC 60794-1-2 E3		
Impact:	IEC 60794-1-2 E4		
Repeated bending:	IEC 60794-1-2 E6		
Torsion:	IEC 60794-1-2 E7		
Bend:	IEC 60794-1-2 E11		
Water penetration:	IEC 60794-1-2 F5		

STANDARDS

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 50267-2-1/-2-2, VDE 0482-267-2-1/-2-2

VERSIONS

Article Number	Product	Fibres number	Sheath colour	Fibre type	Loose Tubes	Sheath Ø [mm]	Weight [kg/km]	Bending radius [mm]	Tensile load [N]	Crush resistance continuous [N]	Crush resistance short term [N]	Fire load [kWh/km]	Fire load [MJ/km]
190166	ZGGT HighP 1 x 4	4	black	E9/125 G.652.D	1	8.2	65	130	2500	6000	10000	558	2009
186320	ZGGT HighP 1 x 4	4	black	G50/125 OM2	1	8.2	65	130	2500	6000	10000	558	2009
192121	ZGGT HighP 1 x 4	4	black	G50/125 OM3	1	8.2	65	130	2500	6000	10000	558	2009
186379	ZGGT HighP 1 x 4	4	black	G62.5/125 OM1	1	8.2	65	130	2500	6000	10000	558	2009
190167	ZGGT HighP 1 x 6	6	black	E9/125 G.652.D	1	8.2	65	130	2500	6000	10000	558	2009
186481	ZGGT HighP 1 x 6	6	black	G50/125 OM2	1	8.2	65	130	2500	6000	10000	558	2009
190747	ZGGT HighP 1 x 6	6	black	G50/125 OM3	1	8.2	65	130	2500	6000	10000	558	2009
186483	ZGGT HighP 1 x 6	6	black	G62.5/125 OM1	1	8.2	65	130	2500	6000	10000	558	2009
190168	ZGGT HighP 1 x 8	8	black	E9/125 G.652.D	1	8.2	65	130	2500	6000	10000	558	2009
186480	ZGGT HighP 1 x 8	8	black	G50/125 OM2	1	8.2	65	130	2500	6000	10000	558	2009
on request	ZGGT HighP 1 x 8	8	black	G50/125 OM3	1	8.2	65	130	2500	6000	10000	558	2009
186484	ZGGT HighP 1 x 8	8	black	G62.5/125 OM1	1	8.2	65	130	2500	6000	10000	558	2009
190169	ZGGT HighP 1 x 12	12	black	E9/125 G.652.D	1	8.2	65	130	2500	6000	10000	558	2009
185937	ZGGT HighP 1 x 12	12	black	G50/125 OM2	1	8.2	65	130	2500	6000	10000	558	2009
186361	ZGGT HighP 1 x 12	12	black	G50/125 OM3	1	8.2	65	130	2500	6000	10000	558	2009
192610	ZGGT HighP 1 x 12	12	black	G50/125 OM4	1	8.2	65	130	2500	6000	10000	558	2009
185945	ZGGT HighP 1 x 12	12	black	G62.5/125 OM1	1	8.2	65	130	2500	6000	10000	558	2009
190149	ZGGT	24	black	E9/125	1	8.6	70	135	2500	6000	10000	589	2120

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



		HighP 1 x 24			G.652.D									
186660	ZGGT HighP 1 x 24	24	black	G50/125 OM2	1	8.6	70	135	2500	6000	10000	589	2120	
192645	ZGGT HighP 1 x 24	24	black	G50/125 OM3	1	8.6	70	135	2500	6000	10000	589	2120	
192167	ZGGT HighP 1 x 24	24	black	G50/125 OM4	1	8.6	70	135	2500	6000	10000	589	2120	
on request	ZGGT HighP 1 x 24	24	black	G62.5/125 OM1	1	8.6	70	135	2500	6000	10000	589	2120	