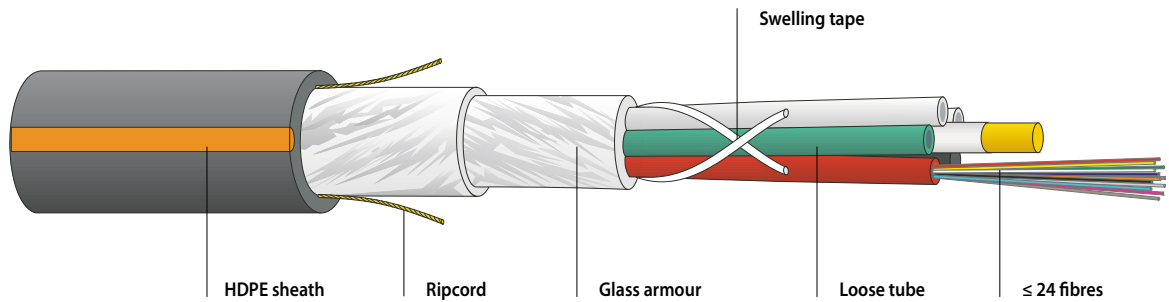


FIBRE OPTIC OUTDOOR CABLE

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

HighP

non metallic, dry interstices,
water resistant, rodent protection



PRODUCT INFORMATION



FEATURES

Robust, non metallic 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.

OPTICAL CHARACTERISTICS


The cables are available with different types of optical fibre (see fibre data sheets).

MECHANICAL CHARACTERISTICS

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		

GENERAL CHARACTERISTICS

Imprint: DATWYLER «cable type» «Datwyler designation» «DIN designation»
«number of fibres» «fibre type» «additional text» «batch number»
~ ~ «meter marks» ~ ~

 Zero halogen,
non corrosive gases

IEC 60754-1/-2, EN 50267-2-1/2-2, VDE 0482-267-2-1/-2-2

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Description	No. of fibres	Loose tubes	Sheath Ø	Weight	Bending radius	Tensile load	Crush resistance			Fire load	
A-DQ(ZN)B2Y n x m			mm	kg/km	mm	N	continuous N	short term N	kWh/km	MJ/km	
wbGGT5 HighP 5 x 12	60	5	12.0	128	180	9000	3000	8000	1040	3744	
wbGGT6 HighP 6 x 12	72	6	12.8	146	195	9000	3000	8000	1137	4093	
wbGGT8 HighP 8 x 12	96	8	14.0	160	210	9000	3000	8000	1305	4699	
wbGGT10 HighP 10 x 12	120	10	15.4	190	230	9000	3000	8000	1491	5365	
wbGGT12 HighP 12 x 12	144	12	16.9	223	255	9000	3000	8000	1707	6145	
wbGGT6 HighP 6 x 24	144	6	13.8	167	205	9000	3000	8000	1291	4655	
wbGGT8 HighP 8 x 24	192	8	15.0	190	225	9000	3000	8000	1583	5704	
wbGGT10 HighP 9 x 24	216	10	17.0	250	255	9000	3000	8000	1993	7175	
wbGGT12 HighP 12 x 24	288	12	18.8	273	285	9000	3000	8000	2453	8832	

VERSIONS

A-DQ(ZN)B2Y n x m	Fibres	Article No.	Article No.	Article No.	Article No.
Description	number	E9/125 G.652.D	G50/125 OM2	G50/125 OM3	G62.5/125 OM1
wbGGT5 HighP 1 x 12	12	190059	186627	190651	186455
wbGGT5 HighP 2 x 12	24	186748	186437	190368	186399
wbGGT5 HighP 3 x 12	36	190058	186438	on request	186457
wbGGT5 HighP 4 x 12	48	187385	186439	190369	186458
wbGGT5 HighP 5 x 12	60	190171	on request	on request	191838
wbGGT6 HighP 6 x 12	72	190172	191782	on request	on request
wbGGT8 HighP 8 x 12	96	186760	190372	on request	on request
wbGGT10 HighP 10 x 12	120	190175	on request	192697	on request
wbGGT12 HighP 12 x 12	144	187394	on request	190311	on request
wbGGT6 HighP 6 x 24	144	190764	on request	on request	on request
wbGGT8 HighP 8 x 24	192	191270	on request	on request	on request
wbGGT10 HighP 9 x 24	216	190696	on request	on request	on request
wbGGT12 HighP 12 x 24	288	190325	on request	on request	on request