



- 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.

## OPTICAL PROPERTIES

The cables are available with different types of optical fibre (see fibre data sheet)  
 that can also be combined in one cable.

## MECHANICAL PROPERTIES

Temperature range	storage:	-40°C / +70°C	IEC 60794-1-2 F1
	during installation:	-10°C / +50°C	
	in operation:	-40°C / +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]
190059	wbGGT5 HighP 1 x 12	12	black	E9/125 G.652.D	5	12.0	128	180	9000	3000	8000	1040	3744
186627	wbGGT5 HighP 1 x 12	12	black	G50/125 OM2	5	12.0	128	180	9000	3000	8000	1040	3744
190651	wbGGT5 HighP 1 x 12	12	black	G50/125 OM3	5	12.0	128	180	9000	3000	8000	1040	3744
186455	wbGGT5 HighP 1 x 12	12	black	G62.5/125 OM1	5	12.0	128	180	9000	3000	8000	1040	3744
186748	wbGGT5 HighP 2 x 12	24	black	E9/125 G.652.D	5	12.0	128	180	9000	3000	8000	1040	3744
186437	wbGGT5 HighP 2 x 12	24	black	G50/125 OM2	5	12.0	128	180	9000	3000	8000	1040	3744
190368	wbGGT5 HighP 2 x 12	24	black	G50/125 OM3	5	12.0	128	180	9000	3000	8000	1040	3744
186399	wbGGT5 HighP 2 x 12	24	black	G62.5/125 OM1	5	12.0	128	180	9000	3000	8000	1040	3744
190058	wbGGT5 HighP 3 x 12	36	black	E9/125 G.652.D	5	12.0	128	180	9000	3000	8000	1040	3744
186438	wbGGT5 HighP 3 x 12	36	black	G50/125 OM2	5	12.0	128	180	9000	3000	8000	1040	3744
on request	wbGGT5 HighP 3 x 12	36	black	G50/125 OM3	5	12.0	128	180	9000	3000	8000	1040	3744
186457	wbGGT5 HighP 3 x 12	36	black	G62.5/125 OM1	5	12.0	128	180	9000	3000	8000	1040	3744
187385	wbGGT5 HighP 4 x 12	48	black	E9/125 G.652.D	5	12.0	128	180	9000	3000	8000	1040	3744
186439	wbGGT5 HighP 4 x 12	48	black	G50/125 OM2	5	12.0	128	180	9000	3000	8000	1040	3744
190369	wbGGT5 HighP 4 x 12	48	black	G50/125 OM3	5	12.0	128	180	9000	3000	8000	1040	3744
186458	wbGGT5 HighP 4 x 12	48	black	G62.5/125 OM1	5	12.0	128	180	9000	3000	8000	1040	3744
190171	wbGGT5 HighP 5 x	60	black	E9/125 G.652.D	5	12.0	128	180	9000	3000	8000	1040	3744

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

## HighP



		12											
on request	wbGGT5 HighP 5 x 12	60	black	G50/125 OM2	5	12.0	128	180	9000	3000	8000	1040	3744
on request	wbGGT5 HighP 5 x 12	60	black	G50/125 OM3	5	12.0	128	180	9000	3000	8000	1040	3744
191838	wbGGT5 HighP 5 x 12	60	black	G62.5/125 OM1	5	12.0	128	180	9000	3000	800	1040	3744
190172	wbGGT6 HighP 6 x 12	72	black	E9/125 G.652.D	6	12.8	146	195	9000	3000	8000	1137	4093
191782	wbGGT6 HighP 6 x 12	72	black	G50/125 OM2	6	12.8	146	195	9000	3000	8000	1137	4093
on request	wbGGT6 HighP 6 x 12	72	black	G50/125 OM3	6	12.8	146	195	9000	3000	8000	1137	4093
on request	wbGGT6 HighP 6 x 12	72	black	G62.5/125 OM1	6	12.8	146	195	9000	3000	8000	1137	4093
186760	wbGGT8 HighP 8 x 12	96	black	E9/125 G.652.D	8	14.0	160	210	9000	3000	8000	1305	4699
190372	wbGGT8 HighP 8 x 12	96	black	G50/125 OM2	8	14.0	160	210	9000	3000	8000	1305	4699
on request	wbGGT8 HighP 8 x 12	96	black	G50/125 OM3	8	14.0	160	210	9000	3000	8000	1305	4699
on request	wbGGT8 HighP 8 x 12	96	black	G62.5/125 OM1	8	14.0	160	210	9000	3000	8000	1305	4699
190175	wbGGT10 HighP 10 x 12	120	black	E9/125 G.652.D	10	15.4	190	230	9000	3000	8000	1491	5365
on request	wbGGT10 HighP 10 x 12	120	black	G50/125 OM2	10	15.4	190	230	9000	3000	8000	1491	5365
192697	wbGGT10 HighP 10 x 12	120	black	G50/125 OM3	10	15.4	190	230	9000	3000	8000	1491	5365
on request	wbGGT10 HighP 10 x 12	120	black	G62.5/125 OM1	10	15.4	190	230	9000	3000	8000	1491	5365
187394	wbGGT12 HighP 12 x 12	144	black	E9/125 G.652.D	12	16.9	233	255	9000	3000	8000	1707	6145
on request	wbGGT12 HighP 12 x 12	144	black	G50/125 OM2	12	16.9	233	255	9000	3000	8000	1707	6145
190311	wbGGT12 HighP 12 x 12	144	black	G50/125 OM3	12	16.9	223	255	9000	3000	8000	1707	6145
on request	wbGGT12 HighP 12 x 12	144	black	G62.5/125 OM1	12	16.9	223	255	9000	3000	8000	1707	6145
190764	wbGGT6 HighP 6 x 24	144	black	E9/125 G.652.D	6	13.8	167	205	9000	3000	800	1291	4655
on request	wbGGT6 HighP 6 x 24	144	black	G50/125 OM2	6	13.8	167	205	9000	3000	800	1291	4655

request	HighP 6 x 24			OM2									
on request	wbGGT6 HighP 6 x 24	144	black	G50/125 OM3	6	13.8	167	205	9000	3000	8000	1291	4655
on request	wbGGT6 HighP 6 x 24	144	black	G62.5/125 OM1	6	13.8	167	205	9000	3000	8000	1291	4655
191270	wbGGT8 HighP 8 x 24	192	black	E9/125 G.652.D	8	15.0	190	225	9000	3000	8000	1583	5704
on request	wbGGT8 HighP 8 x 24	192	black	G50/125 OM2	8	15.0	190	225	9000	3000	8000	1583	5704
on request	wbGGT8 HighP 8 x 24	192	black	G50/125 OM3	8	15.0	190	225	9000	3000	8000	1583	5704
on request	wbGGT8 HighP 8 x 24	192	black	G62.5/125 OM1	8	15.0	190	225	9000	3000	8000	1583	5704
190696	wbGGT10 HighP 9 x 24	216	black	E9/125 G.652.D	10	17.0	250	255	9000	3000	8000	1993	7175
on request	wbGGT10 HighP 9 x 24	216	black	G50/125 OM2	10	17.0	250	255	9000	3000	8000	1993	7175
on request	wbGGT10 HighP 9 x 24	216	black	G50/125 OM3	10	17.0	250	255	9000	3000	8000	1993	7175
on request	wbGGT10 HighP 9 x 24	216	black	G62.5/125 OM1	10	17.0	250	255	9000	3000	8000	1993	7175
190325	wbGGT12 HighP 12 x 24	288	black	E9/125 G.652.D	12	18.8	273	285	9000	3000	8000	2453	8832
on request	wbGGT12 HighP 12 x 24	288	black	G50/125 OM2	12	18.8	273	285	9000	3000	8000	2453	8832
on request	wbGGT12 HighP 12 x 24	288	black	G50/125 OM3	12	18.8	273	285	9000	3000	8000	2453	8832
on request	wbGGT12 HighP 12 x 24	288	black	G62.5/125 OM1	12	18.8	273	285	9000	3000	8000	2453	8832