

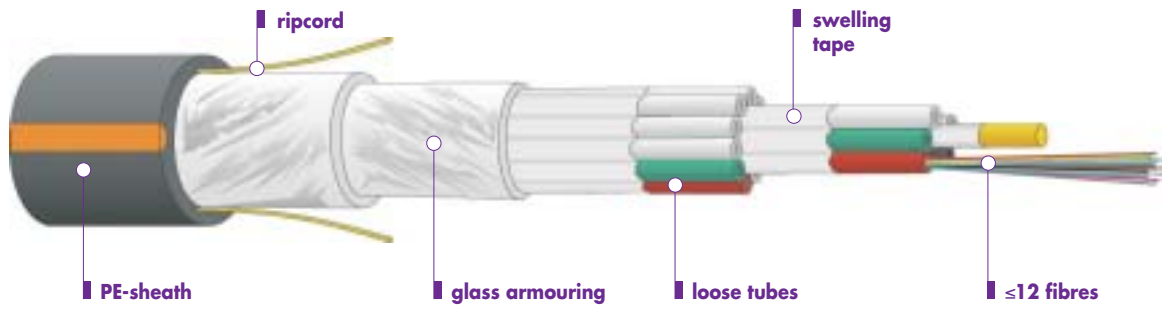


# Optofil-Outdoor Cable

## wbGGT HighP

nonmetallic, dry interstices,  
water resistant, rodent protected

**Dätwyler**



## Product information

### Features

Robust, non metallic fibre optic outdoor cable with stranded loose tube in two layers.  
High crush resistance for high transmission reliability.  
Easy handling cable construction by using dry interstices.  
Non metallic rodent protection.  
The 2 coloured ripcords are easy to identify for safe opening of the cable sheath.  
HDPE- sheath easy to lay.

### Application

pulling or blowing through thermoplastic ducts  
laying on cable platforms and cable trays  
direct burial

### optical characteristics

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

### mechanical characteristics

temperature cycling	storage	-40 / +70°C
	pulling in	-10 / +50°C
	operation	-40 / +60°C
	EN 60794-1-2	F1
tensile performance	EN 60794-1-2	E1
crush resistance	EN 60794-1-2	E3
impact	EN 60794-1-2	E4
repeated bending	EN 60794-1-2	E6
torsion	EN 60794-1-2	E7
bending	EN 60794-1-2	E11
water penetration	EN 60794-1-2	F5

### general characteristics

Printing Dätwyler Optofil 96 E9 wbGGT HighP  
C-Nr. 10859 ~ ~ 2550 m ~ ~

Zero halogen,  
non-corrosive gasses

(DIN VDE 0472-813) new: DIN VDE 0482-267,  
EN 50267 (CENELEC HD 602), IEC 60754-2

description A-DQ(ZN)B2Y nxm	no. of fibres max.	loose tube max.	cableØ mm	weight kg/km	bending radius mm	tensile load N	crush resistance		Fire load kWh/km
							continuous N/cm	short term N/cm	
wbGGT18 HighP	216	18	21.1	390	530	9000	300	800	2887
wbGGT24 HighP	288	24	25.0	510	625	9000	300	800	3774

**Versions**

A-DQ(ZN)B2Y nxm		fibre	Article No.	Article No.	Article No.
description		number	E9/125	G50/125	G62.5/125
wbGGT HighP	16 x 12	192	185 482	on request	on request
wbGGT HighP	18 x 12	216	185 484	on request	on request
wbGGT HighP	20 x 12	240	185 485	on request	on request
wbGGT HighP	24 x 12	288	185 487	on request	on request