

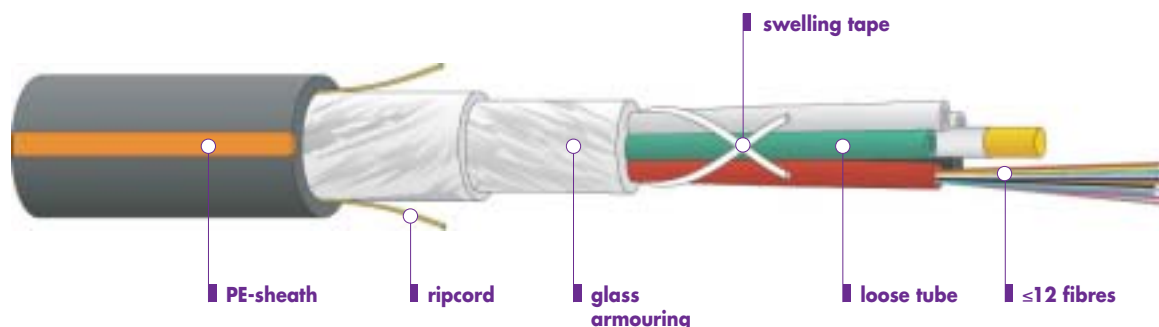


Optofil-Outdoor Cable

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 one layer.
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 in or blowing through thermoplastic ducts
laying on cable platforms and cable trays
direct burial
complex cable trays

optical characteristics

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

mechanical characteristics

temperature cycling	storage	-40 / +70°C	EN 60794-1-2 F1
	pulling in	-10 / +50°C	
	operation	-40 / +60°C	
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	
bend		EN 60794-1-2 E11	
water penetration		EN 60794-1-2 F5	

general characteristics

Printing Dätwyler Optofil 96 E9 wbGGT HighP C-no. 10858
~ ~ 3630 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	
							continuous N/cm	short-term N/cm	kWh/km	MJ/km
wbGGT5 HighP	60	5	12.0	126	180	9000	300	800	1040	3744
wbGGT6 HighP	72	6	12.8	141	195	9000	300	800	1137	4093
wbGGT8 HighP	96	8	14.0	160	210	9000	300	800	1305	5033
wbGGT10 HighP	120	10	15.4	189	230	9000	300	800	1491	4698
wbGGT12 HighP	144	12	16.9	235	255	9000	300	800	1707	6145

Versions

A-DQ(ZN)B2Y nxm		fibre	Article No.	Article No.	Article No.
description		number	E9/125	G50/125	G62.5/125
wbGGT5 HighP	1 x 12	12	186 414	186 436	186 455
wbGGT5 HighP	2 x 12	24	186 415	186 437	186 399
wbGGT5 HighP	3 x 12	36	186 490	186 438	186 457
wbGGT5 HighP	4 x 12	48	186 416	186 439	186 458
wbGGT5 HighP	5 x 12	60	186 491	on request	on request
wbGGT6 HighP	6 x 12	72	186 417	on request	on request
wbGGT8 HighP	7 x 12	84	186 492	on request	on request
wbGGT8 HighP	8 x 12	96	186 418	on request	on request
wbGGT10 HighP	9 x 12	108	186 493	on request	on request
wbGGT10 HighP	10 x 12	120	186 419	on request	on request
wbGGT12 HighP	12 x 12	144	186 420	on request	on request