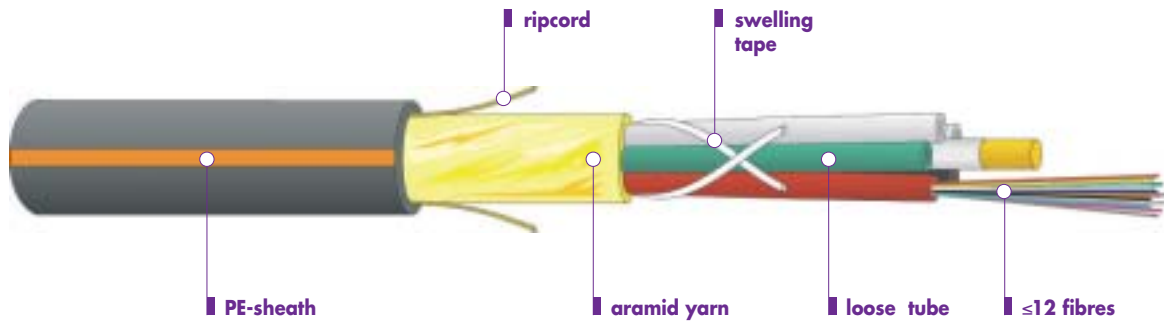




Optofil-Outdoor cable

wbKT BasicLine

non metallic, dry interstices,
non armoured, water resistant



Product information

Features

Robust, non metallic fibre optic outdoor cable with up to 144 fibres with dry interstices. Optimised for blowing through thermoplastic ducts.

Application

Pulling or blowing through plastic ducts.
Laying on cable platforms and cable trays with low mechanical stress.
Simple, protected cable trays.

optical characteristics

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

mechanical characteristics

temperature cycling	storage	-25 / +60°C	EN 60794-1-2 F1
	pulling in	-10 / +40°C	
	operation	-25 / +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 wbKT BasicLine C-no. 10857
~ ~ 4125 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)2Y nxm	no. of fibres max.	loose tube max.	cable Ø 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	
wbKT5 BasicLine	5x12	60	5	8.2	50	123	1000	100	200	414	1490
wbKT6 BasicLine	6x12	72	6	8.8	55	132	1000	100	200	527	1897
wbKT8 BasicLine	8x12	96	8	10.3	76	155	1000	100	200	709	2552
wbKT10 BasicLine	10x12	120	10	11.5	96	173	1000	100	200	897	3229
wbKT12 BasicLine	12x12	144	12	12.8	125	191	1000	100	200	1112	4114

Versions

A-DQ(ZN)2Y nxm	fibre	Article No.	Article No.	Article No.
description	number	E9/125	G50/125	G62.5/125
wbKT5 BasicLine 4 x 12	48	on request	not available	not available
wbKT5 BasicLine 5 x 12	60	185 447	not available	not available
wbKT6 BasicLine 6 x 12	72	185 417	not available	not available
wbKT8 BasicLine 8 x 12	96	185 418	not available	not available
wbKT10 BasicLine 10 x 12	120	185 460	not available	not available
wbKT12 BasicLine 12 x 12	144	185 528	not available	not available