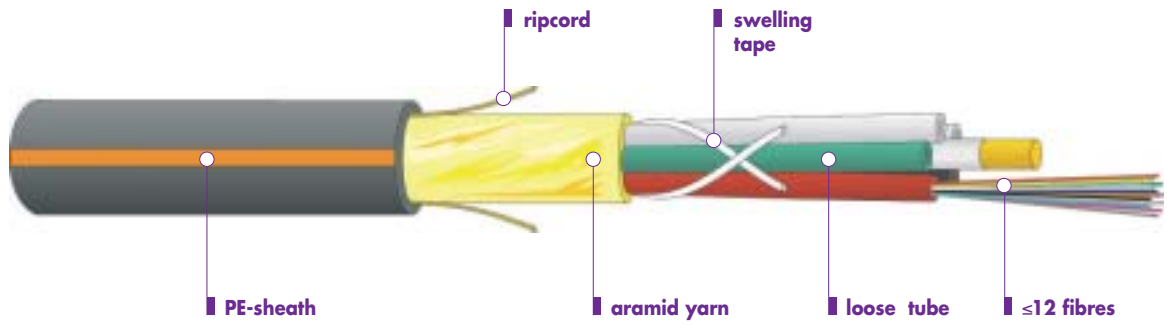




Optofil-Outdoor Cable

wbKT HighP

non metallic, dry interstices,
non armoured, water resistant



Product information

Features

Compact, non metallic fibre optic outdoor cable with stranded loose tubes.
Prevents water penetration by using water blocking elements.
Lightweight, easy handling cable construction.
The 2 coloured ripcords are easy to identify for safe opening of the cable sheath.
HDPE- cable sheath easy to lay

Application

pulling in 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	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 wbKT HighP 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 HighP	60	5	10.2	74	155	3000	100	300	748	2693
wbKT6 HighP	72	6	11.0	91	165	3000	100	300	843	3035
wbKT8 HighP	96	8	12.5	110	190	3000	100	300	1010	3859
wbKT10 HighP	120	10	14.0	139	210	3000	100	300	1185	3636
wbKT12 HighP	144	12	15.6	184	235	3000	100	300	1390	5004

Versions

A-DQ(ZN)2Y nxm		fibre	Article No.	Article No.	Article No.
description		number	E9/125	G50/125	G62.5/125
wbKT5 HighP	4 x 12	48	186 406	on request	on request
wbKT5 HighP	5 x 12	60	on request	on request	on request
wbKT6 HighP	6 x 12	72	186 407	on request	on request
wbKT8 HighP	8 x 12	96	186 408	on request	on request
wbKT12 HighP	10 x 12	120	186 410	on request	on request
wbKT12 HighP	12 x 12	144	on request	on request	on request