

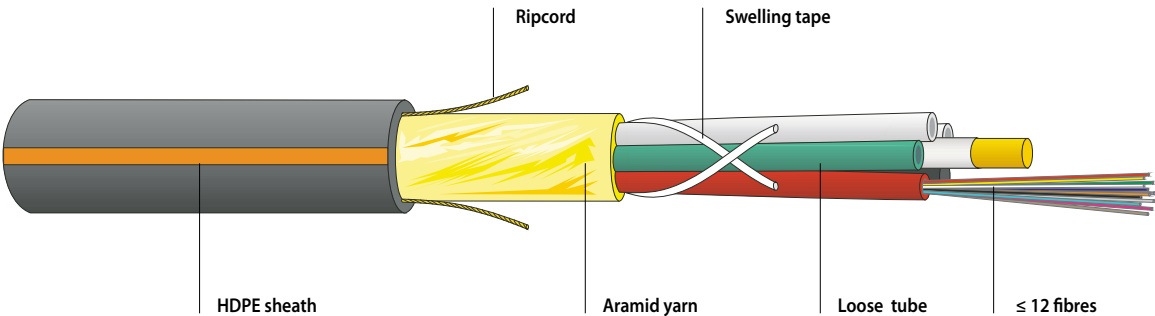
FIBRE OPTIC OUTDOOR CABLES

FO Outdoor wbKT HP / A-DQ(ZN)B2Y

HighP

non metallic, dry interstices,

non armoured, water resistant



PRODUCT INFORMATION



FEATURES	Compact, non metallic fibre optic outdoor cable with stranded loose tubes. Water blocking elements in the strand interstices prevent water penetration. Easy handling due to lightweight construction. The two coloured ripcords are easy to identify and enable the safe opening of the cable sheath. HDPE cable sheath, easy to lay.			
	For pulling in or blowing through thermoplastic duct systems. Suitable for laying in cable platforms and cable trays. Direct burial.			
	The cables are available with different types of optical fibre (see fibre data sheets).			
MECHANICAL CHARACTERISTICS	Temperature range	storage:	-40 / +70°C	IEC 60794-1-2 F1
		during installation:	-10 / +50°C	
		in operation:	-40 / +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		
GENERAL CHARACTERISTICS	Imprint:	DATWYLER «cable type» «Datwyler designation» «DIN designation» «number of fibres» «fibre type» «additional text» «batch number» ~ ~ ~ «meter marks» ~ ~ ~		
	 Zero halogen, non corrosive gases	IEC 60754-1/-2, EN 50267-2-1/2-2, VDE 0482-267-2-1/-2-2		

PRODUCT INFORMATION

Description	No. of fibres	Loose tubes	Sheath Ø	Weight	Bending radius	Tensile load	Crush resistance		Fire load	
A-DQ(ZN)2Y n x m	max.	max.	mm	kg/km	mm	N	continuous N	short term N	kWh/km	MJ/km
wbKT5 HighP	60	5	10.2	74	155	3000	1000	3000	748	2693
wbKT6 HighP	72	6	11.0	91	165	3000	1000	3000	843	3035
wbKT8 HighP	96	8	12.5	121	190	3000	1000	3000	1010	3640
wbKT10 HighP	120	10	14.0	150	210	3000	1000	3000	1185	4270
wbKT12 HighP	144	12	15.6	187	235	3000	1000	3000	1390	5004

VERSIONS

A-DQ(ZN)2Y n x m		Fibres	Article No.
Description		number	E9/125 G.652.D
wbKT5 HighP	1 x 12	12	190661
wbKT5 HighP	2 x 12	24	190662
wbKT5 HighP	4 x 12	48	190160
wbKT5 HighP	5 x 12	60	190161
wbKT6 HighP	6 x 12	72	190162
wbKT8 HighP	8 x 12	96	190163
wbKT12 HighP	10 x 12	120	190164
wbKT12 HighP	12 x 12	144	190165