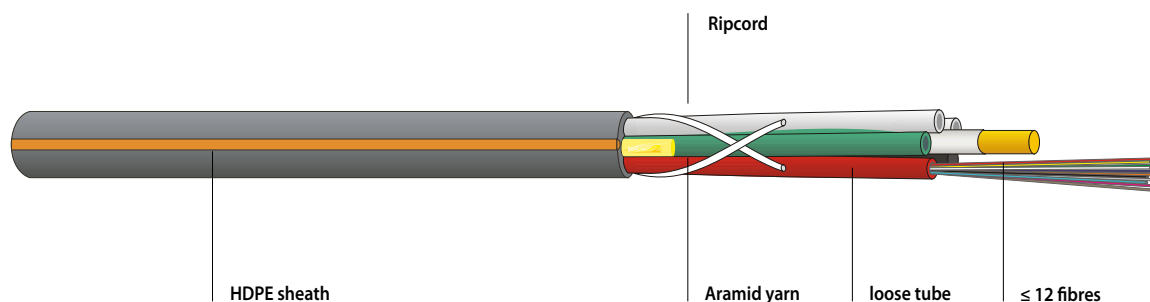


FIBRE OPTIC OUTDOOR CABLES

FO Outdoor wbKT S-Micro / A-DQ(ZN)2Y

S-Micro up to 216 Fasern

non metallic, non armoured, water tightness



PRODUCT INFORMATION



FEATURES

Highly compact, metal-free fibre optic outdoor cable containing up to 216 fibres with dry interstices and stranded loose tubes. Easily cut-back, installation-friendly cable construction.

APPLICATION

Fibre to the Home.
Optimised for injection into microducts.

OPTICAL CHARACTERISTICS

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

The following attenuation values are valid when using the fibre type G.652.D:

1310 nm:	1550 nm:	1625 nm:
≤ 0.36 dB/km	≤ 0.25 dB/km	≤ 0.30 dB/km

MECHANICAL CHARACTERISTICS

Temperature range	storage: -40 / +70°C during installation: -15 / +40°C in operation: -40 / +70°C	IEC 60794-1-2 F1
Tensile performance:	IEC 60794-1-2 E1	
Crush resistance:	IEC 60794-1-2 E3	
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

Printing example: 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

INSTALLATION RECOMMENDATION

We recommend to use a special cable blowing machine that provides feed caterpillars made of rubber.

ACCESSORIES

Please find the appropriate FTTx accessories in the data sheets on our homepage or in the Datwyler FTTH catalogue.

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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				mm	kg/km	mm	N	continuous N	short term N	kWh/km	MJ/km
wbKT	2 x 12	24	2	4.2	13	250	750	400	1200	90	330
wbKT	4 x 12	48	4	4.2	13	250	750	400	1200	90	330
wbKT	8 x 12	96	8	6.6	37	300	1900	400	1200	180	640
wbKT	9 x 24	216	9	8.4	60	300	1800	400	1200	325	1170

VERSIONS

Description		No. of fibres	Article No.	Article No.
A-DQ(ZN)2Y nxm			E9/125 G.652.D	E9/125 G.657.A1
wbKT	2 x 12	24	–	192693
wbKT	4 x 12	48	–	192150
wbKT	8 x 12	96	192159	192149
wbKT	9 x 24	216	192 625	on request

Copper

Fibre Optics

Cabinets & Racks

Data Centre

Wireless

Multimedia

General Information