

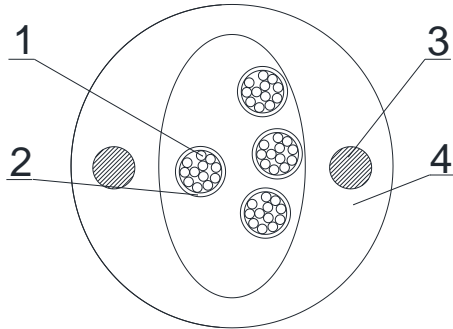
Fiber Optic Cable

ADSS-XOTKMgd 2-96 fibres

Spec. No. TT1-3370/3/0 MB

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Type: outdoor, easy access, aerial



Cable construction:

1. Optical fibre
2. Micromodule
3. Strength member FRP
4. Outer jacket

CONSTRUCTION			
Element	Type	Material	Dimension
Fibres	ITU-T G.652D or according to the attached specifications		
Identification of fibers	Red, green, yellow, blue, brown, white, grey, violet, black, orange, turquoise, pink		
Tube identification	Red, green, yellow, blue, brown, white, grey, violet		
Secondary coating	Micromodule	TPE	φ 1.4 mm (approx.)
Filling of the module	Gel	tixotropic gel	
Strength Members	Dielectric rod	FRP	φ 1.1 mm (approx.) for 1, 2, 3, 4 tube φ 1.2 mm (approx.) for 5, 6, 7, 8 tube
Outer sheath	Black	PE	thickness: minimum spot 0.70mm
Attenuation @1310nm	≤ 0.38 dB/km *)		
Attenuation @1550nm	≤ 0.22 dB/km *)		
Temperature range	- transport and storage - installation - operation		-40/+70 °C -10/+40 °C -30/+60 °C
Marking/Printing:	<< TFKable/Exim Kábel Kft. >> << mm/yyyy of manufacturing >> << Fve 1*12(652.D)L E9/125 ADSS round cable >> << production number >> << lenght m >> << TFKable/Exim Kábel Kft. >> << mm/yyyy of manufacturing >> << Fve 2x12(652.D)L E9/125 ADSS round cable >> << production number >> << lenght m >> << TFKable/Exim Kábel Kft. >> << mm/yyyy of manufacturing >> << Fve 3x12(652.D)L E9/125 ADSS round cable >> << production number >> << lenght m >> << TFKable/Exim Kábel Kft. >> << mm/yyyy of manufacturing >> << Fve 4x12(652.D)L E9/125 ADSS round cable >> << production number >> << lenght m >> << TFKable/Exim Kábel Kft. >> << mm/yyyy of manufacturing >> << Fve 6x12(652.D)L E9/125 ADSS round cable >> << production number >> << lenght m >> << TFKable/Exim Kábel Kft. >> << mm/yyyy of manufacturing >> << Fve 8x12(652.D)L E9/125 ADSS round cable >> << production number >> << lenght m >> (or according to the agreement). Length marking every metre.		
Standard delivery lengths	4200 ± 100 m; to be agreed		

*) Max attenuation for SMF in cable - other parameters of the fiber according to the attached specifications

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PARAMETERS						
No. of fibres in a cable / tube	Outer diameter of module	Cable dimensions		Mechanical properties		
		Outer diameter	Cable weight	Max. tensile load	Min. bending radius [mm]	
	[mm]	[mm]	[kg/km]	[N]	Dynamic (during instalation)	Static (during the operation)
up to 12 / 1 tube	1.4	Max 7.0	35	1000	105	140
up to 24 / 2 tube	1.4	Max 7.0	35	1000	105	140
up to 36 / 3 tube	1.4	Max 7.0	35	1000	105	140
up to 48 / 4 tube	1.4	Max 7.0	35	1000	105	140
up to 60 / 5 tube	1.4	8.5 ± 0.3	45	1000	130	170
up to 72 / 6 tube	1.4	8.5 ± 0.3	45	1000	130	170
up to 84 / 7 tube	1.4	8.5 ± 0.3	45	1000	130	170
up to 96 / 8 tube	1.4	8.5 ± 0.3	45	1000	130	170

FEATURES

- light and durable
- easy strippable secondary coating
- easy access to cable modules
- resistant to electromagnetic interferences
- UV resistant

APPLICATIONS

Cables are designated for transmission of digital and analogue signals within the whole optical bandwidth used in the local, metropolitan and wide area networks.

- external access networks
- modern FTTH & cctv
- subscriber connections

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