4. Optical cables

Self-supporting dielectric optical cables with stranded loose tubes (ADSS)
- for air conduction and interconnection

Usage:

Cable is dedicated to outer distributions, for telecommunication lines, LAN network installation, cable TV and for informatics in energetics. Cable is used for outer installation, for air conductions and interconnection between buildings. Cable is made according to specific operating conditions set by customer.

Construction:

Outer PE sheath
Aramid tensile elements
Inner PE sheath
Polyester PET foil
Water-blocking filling material
PBT tubes with fibres
Central FRP element

Cable has low weight and high tensile strength. Filled inner tube insures reliable resistance against water spread. It is possible to deliver it in non- flame spreading execution .
Max. span distance depends on air conditions (frost, wind).

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4. Optical cables

Cable type		A-DF(ZN)2YT..
Max. number of tubes with fibres		6
Number of fibers in tube		2 to 12
Max. number of fibres		72
Tube diameter	[mm]	2,4
Outer diameter	[mm]	14,5
Maximal allowed tensile load	[N]	6000 [*]
Min. bending radius	[mm]	215
Temperature range • by instalation • at operation	[°C] [°C]	-5 to +55 -40 to +70
Weight — informative value	[kg/km]	165
Core type		SM – E9/125(G.652D), MM – G50/125, MM – G62,5/125
Outer sheath		PE black
Typical production lenghts	[m]	to 2500

[*] typical value, needed to consultate with producer