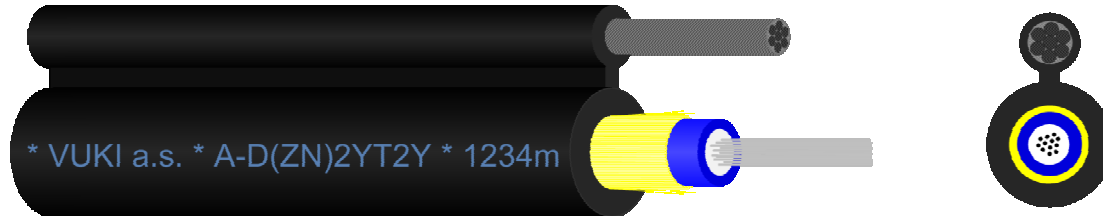




Self-supporting outdoor optical cables with central loose tube  
- for air conduction and interconnection



### Usage:

Cables are used for LAN network construction, TV cable distribution as well as multimedia transmission of the highest parameters for telecommunication transmission. Cable is used for outer installation, for air conductions and interconnection between buildings. Typical span distance between two lugs is from 60 to 120 m.

### Construction:

Supporting element – steel wire  
Outer PE sheath  
Aramide strength elements  
PBT tube with fibres

Cable has low weight, dimension and high tensile strength. It belongs to the cheapest solutions of optical line transmission by air conduction. It is delivered with metallic (steel wire) or dielectric (FRP) supporting element. Max. span distance depends on air conditions.

### Technical data:

Cable type		A-D(ZN)2YT2Y..
Number of fibres in tube		2 - 12
Core diameter	[mm]	3,0
Outer dimensions	[mm]	17 x 10,5
Maximal allowed tensile load	[N]	7000 <sup>1)</sup> , 4500 <sup>2)</sup>
Min. bending radius	[mm]	150
Temperature range		
• By instalation	[°C]	-5 to +55
• At operation	[°C]	-40 to +70
Weight - informative value	[kg/km]	165 <sup>1)</sup> , 135 <sup>2)</sup>
Fibre type		SM - E9/125 (G.652D), MM - G50/125, MM - G62, 5/125
Outer sheath		PE black
Typical production lengths	[m]	2000, 4000

1) supporting element, steel wire  $\Phi$  3 mm,

2) supporting dielectric element, FRP  $\Phi$  3 mm

