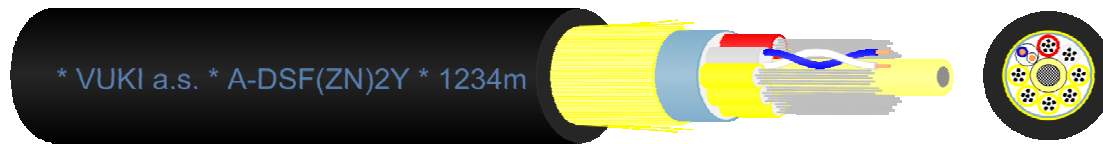




Outer combined optical cables, with stranded cores and metallic pairs or quads
- for placing into the ground and tubes



Usage:

Cables are used for outer network, telecommunication construction, LAN network, cable TV and informatics in electrotechnic industry. Pairs or fours can be used for phone connection, remote power supply, localisation of cable way. Cable can be installed by flowing air or pulling to protective tubes, pulling into to cable ducts, placing to frames or sand seating or in cable trays.

Construction:

- Outer PE sheath
- Aramid tensile elements
- Polyester filling material
- Central fiberglass element
- PBT tubes with fibres
- Metal pair or four pcs

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 acc.to IEC 332-3-22 /I-DS(ZN)H, A-DSQ(ZN)H/.



Cable type		A-DSF(ZN)2Y..		
Max. number of tubes with fibres		4	5	7
Number of pairs or quads		1 to 4	1 to 5	1 to 7
Number of fibers in tube		2 to 12	2 to 12	2 to 12
Max. number of fibres		48	60	84
Tube diameter	[mm]	2,4		
Outer diameter	[mm]	11	11,8	13
Maximal allowed tensile load	[N]	2500		
Min. bending radius	[mm]	165	175	195
Temperature range				
• by instalation	[°C]	-5 to +55		
• at operation	[°C]	-40 to +70		
Weight – informative value ¹⁾	[kg/km]	100	110	135
Fibre type		SM – E9/125(G.652D), MM – G50/125, MM – G62,5/125		
Outer sheath		PE black		
Typical production lengths	[m]	2000, 4000, 6000		

1) weight values listed in tab. are for cables with one Cu pair 2 x 0,5 mm