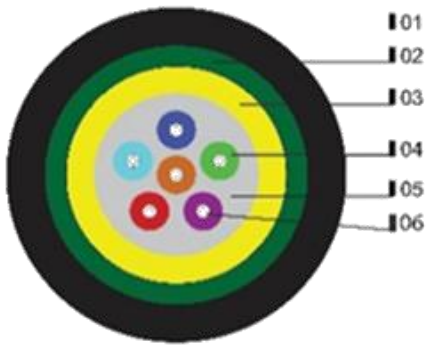

1.Outer Sheath (HFFR or PE Jacket)
2.Corrugated Steel Tape Armor
3.HFFR Inner Jacket
4. 900. Mic. Tight Buffer
5.Glass Yarns
6. Optical Fibe

A-V(ZN)H(SR)2Y

Tight Buffer Mini-Breakout Metallic Armored Distribution Single PE Jacket Outdoor Type Fiber Optic Cable

Overview - A-V(ZN)H(SR)2Y

Tight Buffer Mini-Breakout Metallic Armored Distribution Single PE Jacket Outdoor Type Fiber Optic Cable " A-V(ZN)H(SR)2Y " structure is made of an assembly of coloured 900 micron tight buffer tubes around a central strength element. This is a cable type suitable for dry outdoor use. The cable has rodent protection, direct burial possible.

The cable guarantees the protection of cable where the mechanical damage risk exists and also to guarantee stability towards environmental influences such as frost and humidity. Swellable Glass yarns are helically applied over the buffers to provide additional tensile strength to the cable. Corrugated steel tape armour provides additional mechanical (crush and rodent) protection with a high-strength ripcord under the armour for easy stripping. Polyethilene UV (Ultra Violet) resistant sheath is resistant to stress cracking. Available up to 24 Fiber. On request following options are available:

Other number of tubes Colour options for sheath, buffer and fiber

Increased Tensile strength (Aramid or Glass Yarn)

L-M-HDPE or LSZH sheath.

Compliance

- EN 50173-1, IEC 60754-2, IEC 60794-1&2, IEC 60793-1&2, IEC 60332-1 & 2

Application

- Inter Building and Networks
- Direct Connection to Terminal Equipment
- FTTB Cabling
- Campus Cabling
- Interconnection of Distribution Boxes, Distribution Frames and
- Customer Equipment and between the floors and Buildings
- Directly Buried Underground (for PE jacketed Version)
- FTTX Cabling
- Riser and General Horizontal Applications
- Outside Plant
- WAN
- Harsh Premises Environments
- Installed in Ducts & Conduits

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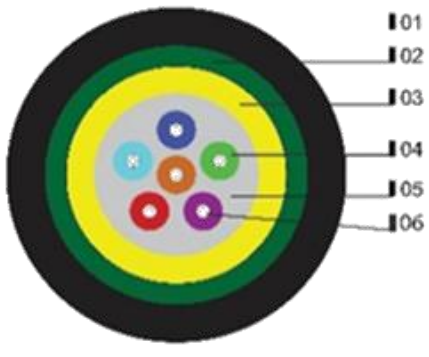

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Features and Benefits

- Easy to Strip (Tight Buffer)
- Direct Termination of Fibers in the Field
- Enforced with Non-Metallic Strength Members
- Complete Dry Design
- Rodent Resistant
- Corrugated Steel Tape Armor
- Poliethilene UV resistant
- Moisture Barrier
- High Crush & Impact Resistance

Specification

Fiber	2	4	6	8	12
Strength members	Aramid Yarns				
Tight Buffer Ø (µ)	900±50				
Inner jacket	Polyethylene				
Armour	Corrugated Steel Tape				
Outer jacket	LSZH				
Weight (Kg/Km)	140	150	160	175	220
Outer Ø (mm)	10,5	11,0	11,5	12,0	13,3
Tensile Load Perm / Inst (N)	1000/1800	1000/1800	1200/2000	1200/2000	1200/2000
Optical Characteristic	62,5/125 OM1	50/125 OM2	50/125 OM3	50/125 OM4	9/125 G.652-D
Bandwith (nm)	850/1300	850/1300	850/1300	850/1300	1310/1550
Attenuation (max dB/km)	3.2/1.2	3.0/1.0	2.8/0.8	2.7/0.7	0.34/0.25
Crush (N)	2000 (IEC 60794-1-2 E3)				
Temperature Range	-20 ºC to +60 ºC (IEC 60794-1-2 F1)				
Min. Bending Radius	20 x Outer Ø (IEC 60794-1-2 E11)				

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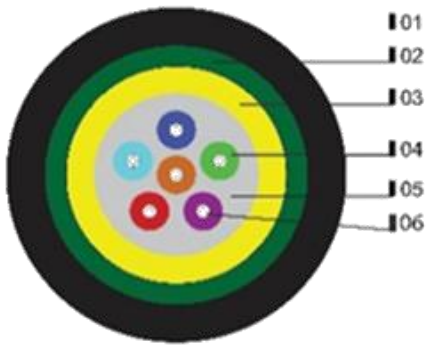

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