

OPTICAL FIBER CABLE DATA SHEET

CABLE CODE/CABLE TYPE

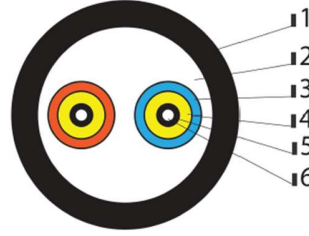
I-V(ZN)H(BN)H 2x1

TIGHT BUFFER, NON METALLIC ARMoured , LSZH JACKET FIBER OPTIC CABLE

KEY FEATURES

Non Metallic Armoured, Dry core, UV- Resistant, Patchcord LSZH JACKET

CABLE DRAWING and CROSS SECTION



1. HFFR Outer Sheath
2. Strength Member (Glass Yarn)
3. HFFR Sub-unit Simplex
4. Strength Member (Aramid Yarn)
5. 900 mic. Tight Buffer
6. Optical Fiber

STANDARTS

IEC 60794-1&2, EN 50399, EN 60332-1-2, EN 60754-2 , EN 61034

CONSTRUCTIONS

| | |
|----------------------|---|
| Fiber Type | G.652-D,G.657 A1,G.657 A2,OM1,OM2,OM3,OM4,OM5 |
| Fiber Count | 2 |
| Jacket Color | According to customer request |
| Jacket UV Resistance | Uv Stabilized |
| CPR Class | Eca |

APPLICATIONS

Direct Connection to Terminal Equipments
Inter Building and Intrabuilding Voice or Data Communication Networks
Patchcord cabling
Vertical Riser and General Horizontal Applications
LAN
FTTA Cabling (Fiber to the Antenna cabling)
Interconnection of Distribution Boxes, Distribution Frames and Customer Equipment and between the floors
Supply of electricity and communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke

DIMENSIONS/PHYSICAL SPECIFICATIONS

| | | IEC 60794-1-2 Test method |
|---------------------------------------|---|------------------------------|
| Number of fibers | 2 | |
| Isolated Tight OD Nom. (µm) | 900 | |
| Sub Unit OD (mm) | 2.00±0,1 | |
| Jacket Thickness (mm) | 0,5 | |
| OD cable Nom. (mm) | 6.8±0,5 | |
| Nom. Weight (Kg/Km) | 55±5 | |
| Minimum Bending radius | 20 x D | E11 |
| Max. Operating Load (N) | 800 | |
| Maximum Installation Pulling Load (N) | 1200 | |
| Crush (N/100mm) | 1000 | E3 |
| Twist (torsion) | 5 turn of 180° on 1m sample, both ways. | E7 |
| Impact resistance | 2,2J x 3 times | E4 |
| Storage temperature Range | -10°C to +50°C | F1 |
| Operating temperature Range | -30°C to +60°C | F1 |

QUALIFICATION SPECIFICATIONS

Cable Qualification Standards ANSI/ICEA S-104-696 | EN 187105 | Telcordia GR-20 | Telcordia GR-409

CERTIFICATIONS

| | |
|----------------|--|
| RoHS | Compliant |
| ISO 9001:2008 | Designed, manufactured and/or distributed under this quality management system |
| ISO 14001:2004 | Designed, Environmental management systems |
| ISO 18001:2007 | Occupational Health and Safety Assessment Series |

PACKING and DELIVERY LENGTHS

PLYWOOD DRUMS, REEL IN BOX , standart delivery lengths are 4000mt

SHEATH MARKING

İNFOKS KABLO WEEK/YEAR I-V(ZN)H(BN)H 2F TYPE of FIBRE CPR Class DRUM NO LENGTH (M)