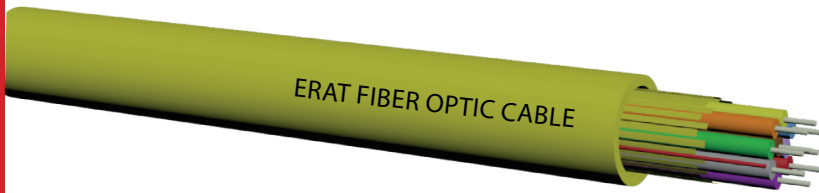


## MTD FIBER OPTIC CABLE - ARAMID YARN

IT-V(ZN)H

IEC 60793-1-2, IEC 60794-3-12

Multi Tight Distribution, Non-Metallic Fiber Optic Cables



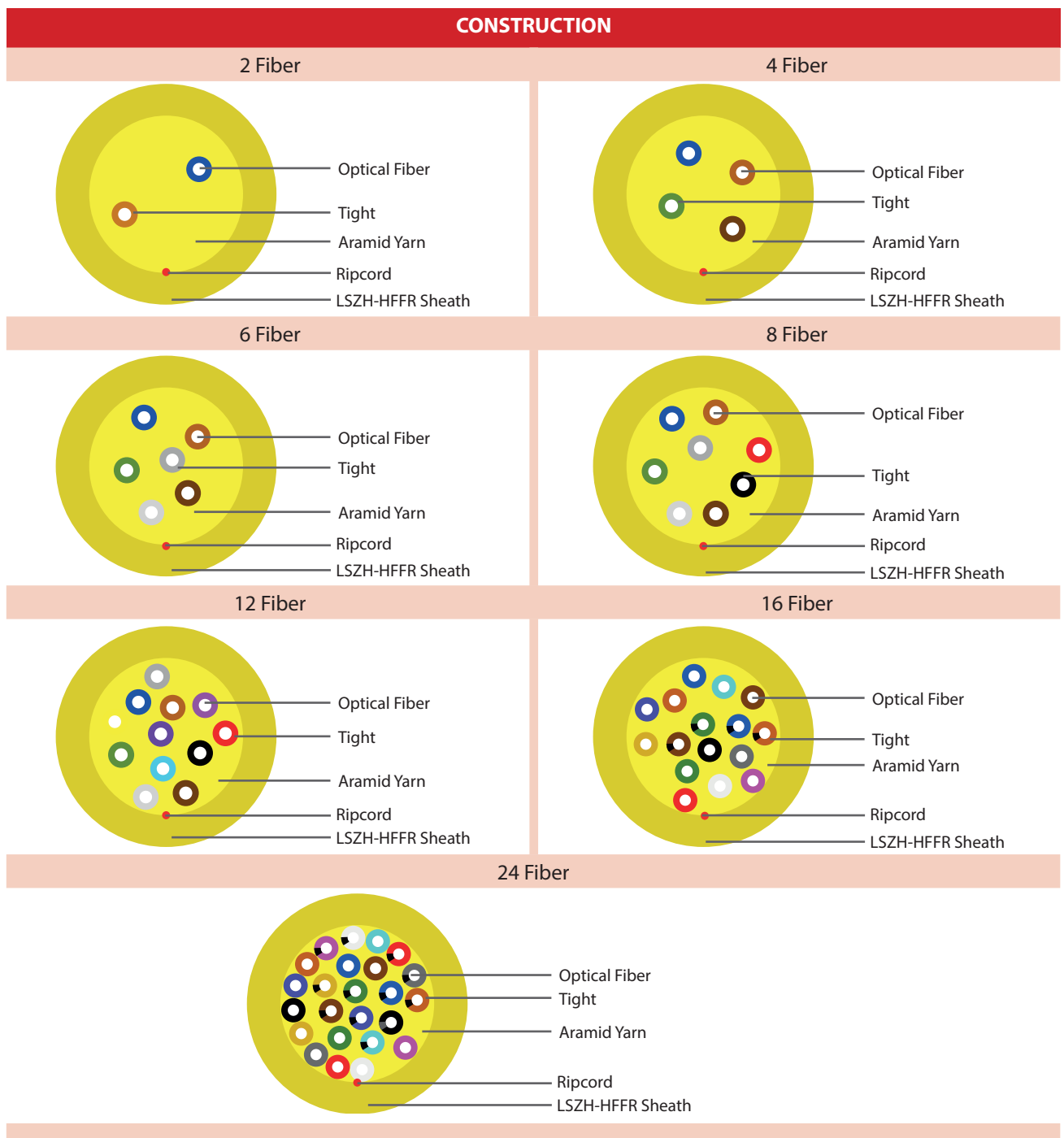
| APPLICATIONS  | CONSTRUCTION  |
|---|---|
| It is used in short-distance communication networks, in interconnection applications within campus backbone structures, and in fiber to the desk applications, inside cable ducts or cable trays. | The Fiber come together after being tightly coated. It is strengthened with Aramid Yarn. It is sheathed with HFFR material. |

| PHYSICAL PROPERTIES |  |
|---------------------|--|
| Fiber Type          | SM 9/125 G652 D, G657 A1, G657 A2, G657 B3, G655<br>MM 62.5/125 OM1, 50/125 OM2, 50/125 OM3, 50/125 OM4 , 50/125 OM5 |
| Strength Member     | Aramid Yarn  |
| Outer Jacket Color  | Black, Yellow  |
| Outer Jacket        | LSZH-HFFR  |

| MECHANICAL AND ENVIRONMENTAL PROPERTIES |                     |                   |
|---|---------------------|-------------------|
| Physical Tests                          | Values              | Standards         |
| Short Term Tensile Strength             | 400 N               | IEC 60794-1-2 E1  |
| Long Term Tensile Strength              | 200 N               | IEC 60794-1-2 E1  |
| Bending Radius                          | 20 x cable diameter | IEC 60794-1-2 E11 |
| Operating Temperature                   | -30 to +60 °C       | IEC 60794-1-2 F1  |
| Mounting Temperature                    | -20 to +50 °C       | IEC 60794-1-2 F1  |

| SHEATH MARKING, PACKAGING INFORMATION |  |
|---------------------------------------|--|
| Marking                               | Erat Cable <Production Year> <Fiber Number and Type> <Meter> |
| Packaging                             | 1000 mt ±%5  |
| Packaging Information                 | Plywood Reel and Wooden Reel                                 |

| TECHNICAL DATA |                     |                            |
|----------------|---------------------|----------------------------|
| Fiber Count    | Outer Diameter (mm) | Approximate Weight (kg/km) |
| 2              | 4.5 ±0.5            | 26                         |
| 4              | 5.5 ±0.5            | 31                         |
| 6              | 6.0 ±0.5            | 42                         |
| 8              | 6.8 ±0.5            | 48                         |
| 12             | 7.5 ±0.5            | 56                         |
| 16             | 8.0 ±0.5            | 67                         |
| 24             | 9.0 ±0.5            | 87                         |



## MTD FIBER OPTIC CABLE - ARAMID YARN



| FIBER COLOR CODE / TIA-598 - A  |           |   |            |   |                            |   |                            |
|---|-----------|---|------------|---|----------------------------|---|----------------------------|
|  | 1- Blue   |  | 7- Red     |  | 13- Blue / Black Stripes   |  | 19- Red / Black Striped    |
|  | 2- Orange |  | 8- Black   |  | 14- Orange / Black Stripes |  | 20- Black / White Striped  |
|  | 3- Green  |  | 9- Yellow  |  | 15- Green / Black Stripes  |  | 21- Yellow / Black Striped |
|  | 4- Brown  |  | 10- Violet |  | 16- Brown / Black Stripes  |  | 22- Violet / Black Striped |
|  | 5- Grey   |  | 11- Pink   |  | 17- Grey / Black Striped   |  | 23- Pink / Black Striped   |
|  | 6- White  |  | 12- Aqua   |  | 18- White / Black Striped  |  | 24- Aqua / Black Striped   |