



Product Code: **LUS104**

**Universal( Indoor - Outdoor) , 4 Fiber, OS2,Single Mode, Central Loose Tube, Gel Filled, FR-LSZH outer Jacket**

**Product Description**

Universal, Fiber Optic Cable, Gel Filled Loose Tube, Water Swellable Dry Material, Higher Level of Rodent Protection (Glass Yarn), Flame Retardant Low-Smoke Zero Halogen, Non-corrosive, UV Stable, 4 Fiber, Single mode 4x E9/125 G.657.A1, os2, CPR Euroclass Dca

**Suitable Application**

Designed for data wiring systems in both indoor and outdoor settings, ideal for industrial backbone building, riser, and horizontal cabling. Suited for various networks including industrial, telecom, cable TV, and broadcast. Installation is hassle-free in, conduits, tubes, tunnels, ducts, and trenches

**Mechanical and Environmental properties**

| Test                           | Value        | Unit       | Method                 |
|--------------------------------|--------------|------------|------------------------|
| Cable outer diameter           | 5,8 ± 0,4    | mm         | EN 60811-203           |
| Cable weight                   | 37           | kg/km      |                        |
| Outer Jacket Thickness         | 0,85         | mm         |                        |
| Loose Tube Diameter            | 3,2          | mm         |                        |
| Max. Tensile Strength          | 1100         | N          | EN60794-1-21-E1        |
| Crush Resistance Test          | 2000         | N          | EN60794-1-21-E3        |
| Impact Resistance Test         | 10           | NM         | EN60794-1-21-E4        |
| Min. Bend Radius (no load)     | 10           | x OD       | EN 60794-1-21-E11a     |
| Min Bend Radius (load)         | 15           | x OD       | EN 60794-1-21-E11b     |
| Moisture resistance test       | pass         |            | EN 60794-1-22-F5       |
| <b>Temperature Range</b>       | Installation | -15 to +50 | °C                     |
|                                | Operation    | -20 to +70 | °C                     |
|                                | Storage      | -20 to +70 | °C                     |
| Fire Properties-Flammability   | pass         |            | EN 60332-3-22 (cat. A) |
| Fire Properties- Add Gases     | pass         |            | EN 60754-1             |
|                                | pass         |            | EN 60754-2             |
| Fire Properties- Smoke Density | pass         |            | EN 61034-1             |
|                                | pass         |            | EN 61034-2             |

Cable Life Time- minimum 30 years

**Sheat Marketing**

|              |   |
|--------------|---|
| Print Colour | White   |
| Print Method | Ink-jet   |
| Print Legend | CHH CONEX , job number, type of cable, length, Made in Czech Republic marking @ 1 m intervals |

other print legends available on request

**Fiber Colour Coding**

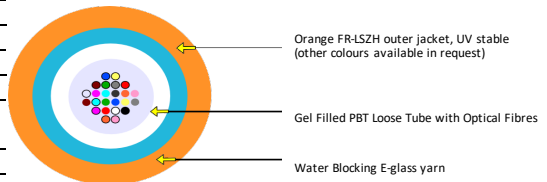
|          |              |            |               |
|----------|--------------|------------|---------------|
| 1 Red    | 7 Brown      | 13 Red*    | 19 Brown*     |
| 2 Nature | 8 Black      | 14 Nature* | 20 Black*     |
| 3 Yellow | 9 Orange     | 15 Yellow* | 21 Orange*    |
| 4 Blue   | 10 Turquoise | 16 Blue*   | 22 Turquoise* |
| 5 Green  | 11 Pink      | 17 Green*  | 23 Pink*      |
| 6 Violet | 12 White     | 18 Violet* | 24 White*     |

\* with block rings

Other colour sequences available on request

**Packing**

Depending on ordered put-up lengths



GUSN804

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