

# **CABO LOOSE TUBE UNITUBO COM FIBRAS DE VIDRO SWA 5000N – LSZH-PE - FICHA TÉCNICA**

*Posted on 08-07-2025 by barpaadminuser*





LOOSE TUBE UNITUBE CABLE GLASS YARN  
SWA LSZH-PE 5000N

DESCRIPTION

Ideal for outdoor installations requiring UV resistance and mechanical protection. Fiber optic cable with unitube loose tube structure, water-blocking yarns and steel wire armouring (SWA).

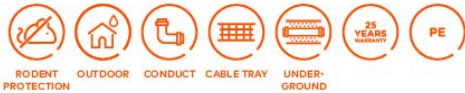
APPLICABLE STANDARDS  
• IEC 60794-1-21 • IEC 60794-1-22 • ANSI/TIA 598-D



Demonstrative cable of 6 fibers



- 1 Glass Yarns
- 2 Colored Coating Fiber
- 3 Filling Gel
- 4 Loose Tube
- 5 Outer Jacket
- 6 Galvanized Steel Wire
- 7 Inner Jacket
- 8 2 Ripcord



CABLE PROPERTIES

|                   |                 |                                                                                                                  |                         |
|-------------------|-----------------|------------------------------------------------------------------------------------------------------------------|-------------------------|
| Coating Fiber     | Color           | 1 - red                                                                                                          | 1 - red with mark       |
|                   |                 | 2 - green                                                                                                        | 2 - green with mark     |
|                   |                 | 3 - blue                                                                                                         | 3 - blue with mark      |
|                   |                 | 4 - yellow                                                                                                       | 4 - yellow with mark    |
|                   |                 | 5 - white                                                                                                        | 5 - white with mark     |
|                   |                 | 6 - grey                                                                                                         | 6 - grey with mark      |
|                   |                 | 7 - brown                                                                                                        | 7 - brown with mark     |
|                   |                 | 8 - violet                                                                                                       | 8 - violet with mark    |
|                   |                 | 9 - turquoise                                                                                                    | 9 - turquoise with mark |
|                   |                 | 10 - black                                                                                                       | 10 - black with mark    |
|                   |                 | 11 - orange                                                                                                      | 11 - orange with mark   |
|                   |                 | 12 - pink                                                                                                        | 12 - pink with mark     |
| Single Loose Tube | Dimensions (mm) | 3,4 - 4,2                                                                                                        |                         |
| Strength member   | Material        | Water-Swellable Glass Yarns                                                                                      |                         |
|                   | Material        | Halogen Free Flame Retardant (LSZH) UV Resistant                                                                 |                         |
| Inner Sheath      | Thickness (mm)  | 1,1                                                                                                              |                         |
|                   | Color           | Black                                                                                                            |                         |
|                   | Material        | MDPE UV Resistant                                                                                                |                         |
| Outer Sheath      | Thickness (mm)  | 1,3                                                                                                              |                         |
|                   | Color           | Black                                                                                                            |                         |
|                   | Marking         | (code) barpa Uni FO Cable w Glass Yarn SWA LSZH-PE (fiber type) (No of fibers)F (batch no.) Made in EU (meters)m |                         |
| Armor             | Material        | Galvanized Steel Wire                                                                                            |                         |
|                   | Thickness (mm)  | 0,9                                                                                                              |                         |
| VDE 888           |                 | A-DQ(ZN)B2Y                                                                                                      |                         |

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