

## CAT6 LSZH

### Ethernet cable



Indoor CAT 6 network cable with LSZH sheathing, 305-m skein unwind cable consisting of 4 balanced 100 Ohm pairs with **AWG 24** flexible red copper conductors. Features meet the requirements of **Cat. 6 Class E** up to 250Mhz according to ANSI/TIA 568.2-D and ISO/IEC 11801 standards. Suitable for Gigabit Ethernet (IEEE 802.3ab) applications.

**Supported PoE applications:**

PoE: IEEE 802.3af - Up to 15.4W

PoE+: IEEE 802.3at - Up to 30W

*\* To ensure this performance, good installation practices for structured cabling in accordance with ISO/IEC 11801 must be followed.*

*This product is not suitable for and must not be used for mains power supplies.*



| CAT6 LSZH                    |     |                                                               |
|------------------------------|-----|---------------------------------------------------------------|
| Code                         |     | 287530                                                        |
| Reel Length                  | m   | 305                                                           |
| Cable type                   |     | CAT 6 U/UTP                                                   |
| CPR                          |     | Eca                                                           |
| Frequency range              | MHz | 250                                                           |
| Conformity                   |     | EN60322-1-2 EN50575:2014+A1:2016 available at ce.fracarro.com |
| Standard test                |     | ISO/IEC 11801, TIA EIA568C.2                                  |
| Pulling strength             | MPa | >10                                                           |
| Stretching                   | %   | >125                                                          |
| Cold bending                 |     | No visible cracks (-20 ±2°C x 4h)                             |
| Inner conductor              |     |                                                               |
| Material                     |     | Copper                                                        |
| Diameter                     | mm  | 0.53+/-0.005                                                  |
| AWG class                    |     | 24                                                            |
| Inner cables sheath          |     |                                                               |
| Inner cables sheath material |     | LSZH                                                          |
| Inner cables sheath diameter | mm  | 0.95                                                          |
| Screen foil                  |     | HDPE; 0.21mm; 0% foam                                         |

| External sheath          |    |                     |
|--------------------------|----|---------------------|
| Material                 |    | LSZH                |
| Diameter                 | mm | 5.5                 |
| Thickness                | mm | 0.45                |
| Colour                   |    | White RAL9016       |
| Dimensions and packaging |    |                     |
| Packing                  |    | Cardboard easy-pull |
| Pieces                   |    | 305                 |
| EAN code                 |    | 8016978102662       |
| Multiple EAN             |    | 8016978102761       |
| Packaging dimensions     | mm | 410 x 410 x 210     |
| Packaging weight         | kg | 10                  |