

KOKA 550, LSZH, wh. pullbox

Art. Number 150653



**Stofa:**  
approved



15.06.2017

## KOKA 550, LSZH, wh, 250m pullbox

7 mm Cable for strong demands.

- Fire performance: Class Cca, acc. to EN 50575
- Triple shielded for improved LTE protection
- Class A+ screen attenuation acc. to EN 50117-2-4
- Class A transfer impedance acc. to EN 50117-2-4
- CE compliant
- It is not recommended to run the cable inside the wall without a pipe or cable conduit.

## Technical Specifications

### ORDER INFORMATION

EAN Number 5702661506536

### CONSTRUCTION

|                                  |                    |
|----------------------------------|--------------------|
| Dielectric - dimension   mm      | 4.8 ± 0.1 mm       |
| Dielectric - material            | Foam PE            |
| 1. Shield foil – material        | Alu/PET/Alu bonded |
| Inner conductor - dimension   mm | 1.13 ± 0.02 mm     |
| Inner conductor - material       | Cu                 |
| Jacket – dimension   mm          | 6.9 mm             |
| Jacket - material                | LSZH               |
| 2. Shield braid - material       | Alu                |
| 3. Shield foil – material        | Alu/PET/Alu        |

### SHIELDING

|  |         |
|--|---------|
| Screening attenuation @ 1000-2000 MHz   dB | > 90 dB |
| Screening attenuation @ 2000-3000 MHz   dB | > 80 dB |
| Screening attenuation @ 30-1000 MHz   dB   | > 95 dB |



## Technical Specifications

### TRANSFER IMPEDANCE

Transfer Impedance @ 5-30 MHz | mΩ/m < 5 mΩ/m

### CHARACTERISTICS

#### LOSS

|   |         |
|---|---------|
| Attenuation (20°C/100mtr) @ 1000 MHz   dB | 19.1 dB |
| Attenuation (20°C/100mtr) @ 200 MHz   dB  | 8.2 dB  |
| Attenuation (20°C/100mtr) @ 2150 MHz   dB | 29 dB   |
| Attenuation (20°C/100mtr) @ 2400 MHz   dB | 30 dB   |
| Attenuation (20°C/100mtr) @ 3000 MHz   dB | 34,9 dB |
| Attenuation (20°C/100mtr) @ 470 MHz   dB  | 13 dB   |
| Attenuation (20°C/100mtr) @ 50 MHz   dB   | 4.1 dB  |
| Attenuation (20°C/100mtr) @ 5 MHz   dB    | 1,4 dB  |
| Attenuation (20°C/100mtr) @ 862 MHz   dB  | 18 dB   |

#### RETURN LOSS

|   |         |
|---|---------|
| Structural return loss @ 1000-2000 MHz   dB | > 20 dB |
| Structural return loss @ 2000-3000 MHz   dB | > 20 dB |
| Structural return loss @ 470-1000 MHz   dB  | > 23 dB |
| Structural return loss @ 5-470 MHz   dB     | > 26 dB |

#### ELECTRICAL

|                               |                         |
|-------------------------------|-------------------------|
| Capacity   pF/m               | 52 ± 2 pF/m             |
| Impedance   Ω                 | 75 ± 3 Ω                |
| Insulation Resistance   MΩ/km | > 10 <sup>4</sup> MΩ/km |
| Velocity ratio   %            | 85 ± 2 %                |

#### OPERATIONAL

|                      |                   |
|----------------------|-------------------|
| Application          | Indoor            |
| DoP number           | TR0130            |
| Screening Efficiency | EN50117 (Class A) |
| Fire Class           | EN 50575 (Cca)    |

#### MECHANICAL

|   |          |
|---|----------|
| Cable length   m                              | 250 m    |
| Colour  | White    |
| Packaging Depth   m                           | 0.365 m  |
| Packaging Height   m                          | 0.370 m  |
| Total Weight   kg                             | 0.049 kg |
| Packaging Width   m                           | 0.300 m  |
| Minimum bending radius - single/repeated   mm | 70 mm    |
| Net Weight   kg                               | 0.049 kg |
| Packing QTY                                   | 1        |
| Tara Weight   kg                              | 0.000 kg |



# TRIAx

connecting the future

## Technical Specifications

Packaging Volume | m3

0.000 m3