

OX22CH..

OmniFIX - Triple Shield - 0.22 mm² - 110 Ω - OX22CH..

- 0,22 mm² (AWG24/7) stranded tinned copper
- pair shield + double overall shield (foil + braid)
- compact construction due to pair jackets from TPE
- Flame Retardant and Non-Corrosive (FRNC - bundle test Category C)



| | | | |
|---------------------------------|----------------------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------------------|
| Conductor | stranded tinned copper, 7 x 0,20 mm | Leiteraufbau | verzinnte Cu-Litze, 7 x 0,20 mm |
| Cross Section | 0,22 mm ² | Leiterquerschnitt | 0,22 mm ² |
| Insulation | Foam-Skin PE white & blue | Isolation | Foam-Skin PE weiß & blau |
| Pair Shielding | stranded tinned copper drain wire + AL/PETP foil | Paarschirm | verzinnte Cu-Beilaufitze + AL/PETP-Folie |
| Pair Jacket | TPE-E, silver-grey, numbered | Paarmantel | TPE-E, silbergrau, nummeriert |
| Overall Shield | AL/PETP-foil + tinned stranded drain wire + tinned copper braid (coverage > 85%) | Gesamtschirm | AL/PETP-Folie + verzinnte Cu-Beilaufitze + verzinnertes Cu-Geflecht (Bedeckung > 85%) |
| Overall Jacket | FRNC | Außenmantel | FRNC |
| Min. Bending Radius | 10 x overall diameter | Min. Biegeradius | 10 x Außendurchmesser |
| Working Temperature | -30 °C / +70 °C | Betriebstemperatur | -30 °C / +70 °C |
| Halogen-Free | IEC 60754-2 | Halogenfrei | VDE 0482-Teil 267-2 und IEC 60754-2 |
| Flame Retardancy | IEC 60332-3-24 | Flammwidrigkeit | VDE 0482-Teil 266-2-4 / Prüffart C und IEC 60332-3-24 |
| Conductor Resistance | < 85 Ω/km | Leiterwiderstand | < 85 Ω/km |
| Capacitance | 47 pF/m | Kapazität | 47 pF/m |
| Characteristic Impedance | 110 Ω | Wellenwiderstand | 110 Ω |
| Attenuation [dB/100m] | | Dämpfung [dB/100m] | |
| 1 MHz | 2.30 | 1 MHz | 2.30 |
| 3 MHz | 3.90 | 3 MHz | 3.90 |
| 10 MHz | 6.90 | 10 MHz | 6.90 |
| Crosstalk Attenuation | | Nebensprechdämpfung | |
| 15 kHz | > 100 dB | 15 kHz | > 100 dB |
| 10 MHz | > 60 dB | 10 MHz | > 60 dB |
| Insulation Resistance | > 30 GΩ x km | Isolationswiderstand | > 30 GΩ x km |
| Test Voltage | | Prüfspannung | |
| Cond./Cond. | 1200 V | Ader/Ader | 1200 V |
| Cond./Shield | 500 V | Ader/Schirm | 500 V |

silver grey

| Order Code Bestell-Nr. | Number of Pairs Paarzahl | Outer Ø Außen Ø | Heat of Combustion Brandlast | Colour Farbe | Weight Gewicht | Standard / Length [m] Standard / Längen [m] |
|---------------------------|-----------------------------|--------------------|---------------------------------|-----------------|-------------------|------------------------------------------------|
| OX22CH02 | 2 | 9,6 mm | 426 kWh/km | silver-grey | 104 g/m | -- |
| OX22CH04 | 4 | 11,0 mm | 459 kWh/km | silver-grey | 139 g/m | -- |
| OX22CH08 | 8 | 14,0 mm | 703 kWh/km | silver-grey | 220 g/m | -- |
| OX22CH12 | 12 | 17,2 mm | 1035 kWh/km | silver-grey | 314 g/m | -- |