

Datenblatt / Data sheet

bedea NF-Kabel / LF cable Li(z)2Y (PiMF) 1x2x 0,60 mm - PVC
Art.-No.: 24310900

Aufbau / Structure

| | | | |
|------------------------------------|--------|------------------|--|
| Anzahl der Paare / Number of pairs | | 1 | |
| Leiter / Conductor | ∅ [mm] | 0.60 (7x 0.20) | Cu verzinnt / Cu tinned |
| Isolation / Insulation | ∅ [mm] | 1.20 | PE |
| Farben / Colours | | | rt-sw / rd-bk |
| Paarverseilung / Pair-Twisting | ∅ [mm] | ca./approx. 2.4 | |
| Abschirmung / Screen | | | AL-PVC-Folie + Beilauf 7x0,20 Cu verzinnt / AL-PVC-Foil + Drainwire 7x0.20 Cu tinned, 100% coverage |
| Mantel / Jacket | ∅ [mm] | 3.40 ± 0.15 | PVC |

Elektrische Werte / Electrical properties

| | | |
|--|---------------------|----------|
| Wellenwiderstand / | [Ω] | 80 ± 10 |
| Characteristic impedance (1...20 MHz) | | |
| Kapazität Ader/Ader / | [pF/m] | max. 75 |
| Capacitance core/core | | |
| Kapazität Ader/Schirm / | [pF/m] | max. 150 |
| Capacitance core/screen | | |
| Gleichstromwiderstand Ader & Beilauf / | [Ω/km] | ≤ 85 |
| DC-resistance cond. & drain wire | | |
| Prüfspannung / Voltage test | [kV _{DC}] | |
| Ader- Ader / core to core | | 1.2 |
| Ader- Schirm / core to screen | | 0.5 |
| Dämpfung / Attenuation ± 10% | [dB/100m] | |
| bei / at 1 Mhz | | 4.8 |
| 2 Mhz | | 6.5 |
| 5 Mhz | | 8.8 |
| 10 Mhz | | 11.5 |
| 20 Mhz | | 15.5 |

Mechanische Werte / Mechanical properties

| | | |
|--|---------|------------------|
| Gewicht / Weight | [kg/km] | ca. / approx. 18 |
| Min. Biegeradius / Min. bending radius | [mm] | 35 |
| Max. Zugbel. / Max. Tensile strength | [N] | 60 |
| Verbrennungsw. / Heat of Combustion | [kWh/m] | 0.08 |
| Dauertemperatur / Temp. range | [°C] | -20 ... +70 |

Alle Angaben verstehen sich, falls nicht anders angegeben, als Nennwert. Änderungen in Konstruktion und Ausführung vorbehalten.
If not otherwise declared, all values are nominal. Changes in design and construction due to technical progress without notice.
Entwicklung Kabel - Speier - 96026204 - 2003-03-05