

SIMATIC NET,
PROFIBUS M12 CONNECTING CABLE, (ET200),
PREASSEMBLED PB FC TRAILING CABLE WITH 2 M12
CONNECTORS,
B-CODED, 5-PIN, 0.3 M



Cable length 0.3 m

[nicht versorgt: TAK_ABR691_001_000]

| | |
|----------------------------------------------|-------------|
| Damping ratio per length | |
| • at 9.6 kHz / maximum | 0.0030 dB/m |
| • at 38.4 kHz / maximum | 0.0040 dB/m |
| • at 4 MHz / maximum | 0.025 dB/m |
| • at 16 MHz / maximum | 0.049 dB/m |
| Impedance | |
| • Nominal value | 150 Ω |
| • at 9.6 kHz | 270 Ω |
| • at 38.4 kHz | 185 Ω |
| • for frequency range 3 MHz ... 20 MHz | 150 Ω |
| Relative symmetrical tolerance | |
| • of the surge impedance at 9.6 kHz | 10 % |
| • of the surge impedance at 38.4 kHz | 10 % |
| • of the surge impedance at 3 MHz ... 20 MHz | 10 % |
| Loop resistance per length / maximum | 133 Ω/km |
| Shield resistance per length / maximum | 14 Ω/km |
| Capacity per length / at 1 kHz | 28 pF/m |
| Operating voltage | |
| • RMS value | 100 V |

Mechanical data

| | |
|-----------------------------------------------------------|----------|
| Number of electrical wires | 2 |
| Design of the electrical connection / FastConnect | Yes |
| Outer diameter | |
| • of the inner conductor | 0.67 mm |
| • of the wire insulation | 2.56 mm |
| • of the inner sheath of the cable | 5.4 mm |
| • of the cable sheath | 8 mm |
| Symmetrical tolerance of outer diameter / of cable sheath | 0.4 mm |
| Bending radius | |
| • with single bend / minimum permissible | 40 mm |
| • with multiple bends / minimum permissible | 120 mm |
| Number of bending cycles | 3000000 |
| Traction stress / maximum | 100 N |
| Weight per length | 77 kg/km |

Permitted ambient conditions

| | |
|-----------------------|----------------|
| Ambient temperature | |
| • during operating | -40 ... +60 °C |
| • during storage | -40 ... +60 °C |
| • during transport | -40 ... +60 °C |
| • during installation | -40 ... +60 °C |

Product properties, functions, components / general

| | |
|---------------------------------|-----|
| Product feature | |
| • halogen-free | No |
| • [not supplied - silicon-free] | Yes |

Standards, specifications, approvals

| | |
|-------------------------------------------------|-----|
| Verification of suitability | |
| • RoHS conformity | Yes |
| Marine classification association | |
| • American Bureau of Shipping Europe Ltd. (ABS) | No |
| • Bureau Veritas (BV) | No |
| • Det Norske Veritas (DNV) | No |
| • Germanische Lloyd (GL) | No |
| • Lloyds Register of Shipping (LRS) | No |
| • Nippon Kaiji Kyokai (NK) | No |
| • Polski Rejestr Statkow (PRS) | No |

letzte Änderung: Jul 17, 2012