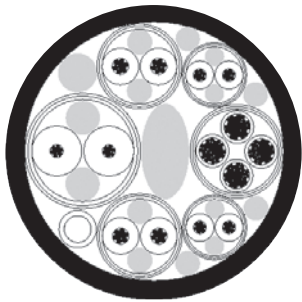




Type Cable structure

Profibus:
DeviceNet™:
Interbus:
Power cores:
Protective earth core:
Stranding:
Total shielding:
Outer sheath material:
Cable external diameter:
Outer sheath colour:

Multibus I, 15 cores high flexible

1 x 2 x AWG 22 mm² (Foam-Skin PO/rd/gn)
2 x 2 x AWG 22 mm² (Foam-Skin PO/wh/bn, ye/gn)
2 x 2 x 0,25 (Foam-Skin PO/ gn/pk, ye/gn)
4 x 1 x 1,0 mm² (PO/rd, bl, bu, bn)
1,0 mm² (PO/gnye)
Single cores totally stranded together and filled with plastic elements
PP vlies
PUR, halogenfree
app. 14,7 mm
violet similar to RAL 4001

Electrical data

Characteristic impedance:

150 + -15 Ohm (Profibus)
120 + -12 Ohm (DeviceNet™)
100 + -15 Ohm (Interbus)
≤ 20 Ohm/km (power cores + protection core)
≤ 70 Ohm/km (Profibus)
≤ 70 Ohm/km (DeviceNet™)
≤ 80 Ohm/km (Interbus)
≥ 500 Mohm x km (at 20° C)
30 pF/m nominal (Profibus)
40 pF/m nominal (DeviceNet™)
50 pF/m nominal (Interbus)
2500 V (core/ core)
1500 V (core/ screen)

Conductor resistance:

Insulation resistance:
Mutual capacitance:

Testvoltage:

Mechanical data

Bending radius single:
Bending radius repeated:
Tensile strength static:
Tensile strength dynamic:
Oil resistance:
Flame resistance:
FCKW free:
Self extinguishable:
Other attributes:

≤ 70 mm
≤ 110 mm
300 N
140 N
Diesel, Biodiesel, ASTM-Öl 1, ASTM-Öl 2, Vitam EHF, Biohydran
HD 405.1, IEC 60332-1, VW1/ FT1 acc. C-UL
yes
yes
PVC free, free of lacquer wetting disturbing substances, siliconfree,
resistant against PVC flexibiliser and cable fat RB1

Thermal attributes

Operating temperature range:
Laying temperature range:

- 40° C to + 80° C
- 30° C to + 80° C

Norms

UL-Style

Application

Part no.

Profibus standard, DeviceNet™ standard, Interbus standard

VW1/ FT1 acc. C-UL

Drag chains, torsion applications (according HELU specification)

801652, Multibus I, 15 cores