

1) from cable drum

Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	15 x D
Cable	PUR Shielded black, 100 m, drag chain compatible
Cable diameter D	6.70 mm ±0.30 mm
Conductor cross-section	0.25 mm ²
Number of conductors	8

Electrical data

Conductor construction	4x2 twisted-pair
Stranding	pairs

Environmental conditions

Cable temperature UL max., fixed routing	80 °C
Cable temperature UL max., flexible routing	80 °C
Cable temperature, drag chain	-5...60 °C
Cable temperature, fixed routing	-40...90 °C
Cable temperature, flexible routing	-5...90 °C

Remarks

Cable construction acc. to UL-AWM Style 20549
 Halogen-free per DIN VDE 0472 Part 815
 Flame resistance acc. to IEC 60332-1
 Flame resistance per UL FT2
 Oil resistant per DIN VDE 0472 Part 803
 Tin plated copper braiding, optical coverage min. 85%

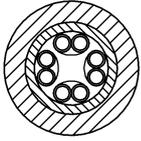
Material

Cable jacket material, note	Shielded
Cable jacket, material	PUR
Cable shield	Copper braid, tin-plated

Mechanical data

Acceleration max., drag chain	5 m/s ²
Cable jacket, color	black
Cable length L	100.00 m
Cable properties	drag chain compatible
Horizontal travel permitted, drag chain	10 m
Traverse speed max., drag chain	4.5 m/s

Connector Drawings



Pair 1: yellow + pink

Pair 2: gray + green

Pair 3: blue + brown

Pair 4: red + white