



Flat ribbon cable AWG 30, pitch 0,635 mm 2-80 pole, UL 20961

grey with red stripe

Construction

- Conductor: El-Cu-braid, tin-plated, 7 x 0,102 mm => 0,06 qmm, AWG 30 (CU-ETP1, CW003A DIN EN 13602)
- Insulation: PVC 105°C
- Colour: option, (standard:grey)
- Site Strip: option, normal red
- min. wall thickness: 0,08 mm
- middle wall thickness: 0,13 mm
- Pitch: 0,635 $\pm$ 0,05m
- Diameter: 0,64 $\pm$ 0,05 mm
- Bridge: 0,30 $\pm$ 0,05 mm
- Hardness: 94 $\pm$ 3
- Printing: UL (File- and Style-Nr.)

Technical Data

- electric strengt: > 0,5 kV at 50 Hz effective over 1 minute
- Conductor resistance: 354 Ω /km at 20°C
- Insulation resistance: 20 MOhm x km at 20°C
- Capacitance (A/A): 55 pF/m at 1 kHz
- Capacitance (GSG): 100 pF/m at 1 kHz
- inductance: 0,82 μ H/m at 1 kHz
- impedance (GSG): 80 Ohm at 1 MHz
- current carrying capacity: 1,2 A at 25°C
- Temperature range: -30°C to +105°C (-40°C at ISO 6722)
- Temperature in move: -10°C to +105°C (-40°C at ISO 6722)
- Operating voltage UL: 30 V
- bending cycle (at 20xcable-Ø) 1 million

Properties

- flame retardency: UL VW-1 / CSA FT1

No. of cores	Width mm	tolerance mm	Cu-Weight kg/km	Article number
10	6,36	0,15	5,715 +/- 0,15	9935107305
14	8,90	0,15	8,255 +/- 0,15	9935147305
16	10,17	0,20	9,525 +/- 0,20	9935167305
20	12,71	0,20	12,065 +/- 0,20	9935207305
24	15,25	0,20	14,605 +/- 0,20	9935247305
25	15,88	0,25	15,240 +/- 0,25	9935257305

No. of cores	Width mm	tolerance mm	Cu-Weight kg/km	Article number
26	16,52	0,25	15,875 +/- 0,25	9935267305
30	19,06	0,25	18,415 +/- 0,25	9935307305
34	21,60	0,30	20,955 +/- 0,30	9935347305
40	25,41	0,30	24,765 +/- 0,30	9935407305
50	31,76	0,40	31,115 +/- 0,40	9935507305
68	43,19	0,50	42,545 +/- 0,50	9935687305

- Further formats available on request
- All data and products subject to change