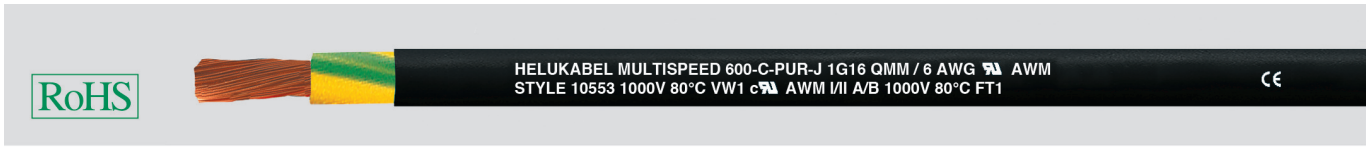
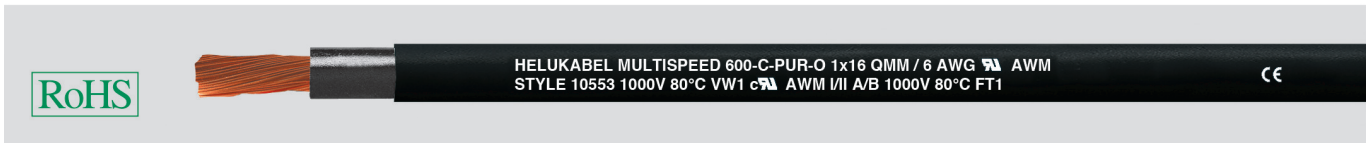
MULTISPEED® 600-PUR -J/-O special single cores for

drag chains, 1000 V, halogen-free, meter marking





Technical data

- Special drag chain core line for extreme mechanical stresses adapted to DIN VDE 0285-525-2-31/ DIN EN 50525-2-31 and UL style 10553
- **Temperature range**
  flexing -30°C to +80°C
  fixed installation -40°C to +80°C
- **Nominal voltage**
  VDE U_0/U 600/1000 V
  UL/CSA 1000 V
  Test voltage 3000 V
- **Insulation resistance**
  min. 100 MOhm x km
- **Minimum bending radius**
  flexing 5x core Ø
  fixed installation 3x core Ø

Cable structure

- Bare copper conductor, ultra-fine wire to DIN VDE 0295 cl.6, column 4, BS 6360 cl.6 and/or IEC 60228 cl.6
- Core insulation of thermoplastic polymer in either black or green/yellow
- Outer sheath of special polyurethane, TMPU adapted to DIN VDE 0207-363-10-2 / DIN EN 50363-10-2
- Sheath colour black (RAL 9005)
- with meter marking

Properties

- Flame retardant, UL VW-1, CSA FT1
- Halogen-free
- Abrasion resistant
- Very good oil resistance
- Very good alternating bending strength
- Very high resistance to mechanical stresses
- Higher notch resistance
- Ozone and UV-resistant
- Coolant resistant
- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers

Note

- G = with green-yellow conductor
  x = without green-yellow conductor (OZ)
- AWG sizes are approximate equivalent values. The actual cross-section is in mm².
- screened analogue type:
  MULTISPEED® 600-C-PUR-J/O

Application

These special drag chain core cables permit extended use with extreme requirements, with free movement, without tensile stresses or forced movements. Suitable for installation in long traverse paths and high speeds in dry, high temperature influence in dry, moist and wet environments and in the open air. These cables can be used for all applications demanding the highest requirements in flexibility, abrasion resistance, ozone and chemical resistance. For applications extending beyond standard solutions (e. g. composting plants or high-lift conveyor systems working at extremely low speeds), we recommend that you request our questionnaire, which has been especially designed for energy supply systems. Before installation in cable trays please read the instructions.

CE= The product is conformed with the EC Low-Voltage Directive 2006/95/EC.

Part no.	No.cores x cross-sec. mm²	AWG-No.	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km
25888	1 G 6	10	7,2	58,0	80,0
25269	1 x 6	10	7,2	58,0	80,0
25889	1 G 10	8	8,4	96,0	130,0
25270	1 x 10	8	8,4	96,0	130,0
25890	1 G 16	6	9,5	154,0	181,0
25271	1 x 16	6	9,5	154,0	181,0
25891	1 G 25	4	11,0	240,0	274,0
25272	1 x 25	4	11,0	240,0	274,0
25892	1 G 35	2	13,0	336,0	398,0
25273	1 x 35	2	13,0	336,0	398,0
25893	1 G 50	1	15,4	480,0	529,0
25274	1 x 50	1	15,4	480,0	529,0
25894	1 G 70	2/0	17,2	672,0	717,0
25275	1 x 70	2/0	17,2	672,0	717,0

Part no.	No.cores x cross-sec. mm²	AWG-No.	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km
25895	1 G 95	3/0	20,0	912,0	1050,0
25276	1 x 95	3/0	20,0	912,0	1050,0
25896	1 G 120	4/0	21,0	1152,0	1240,0
25277	1 x 120	4/0	21,0	1152,0	1240,0
25897	1 G 150	250 kcmil	23,8	1440,0	1524,0
25278	1 x 150	250 kcmil	23,8	1440,0	1524,0
25898	1 G 185	350 kcmil	26,2	1776,0	1932,0
25279	1 x 185	350 kcmil	26,2	1776,0	1932,0
25899	1 G 240	450 kcmil	29,8	2304,0	2467,0
25280	1 x 240	450 kcmil	29,8	2304,0	2467,0
25900	1 G 300	550 kcmil	33,1	2880,0	3140,0
25281	1 x 300	550 kcmil	33,1	2880,0	3140,0

Dimensions and specifications may be changed without prior notice. (RN06)