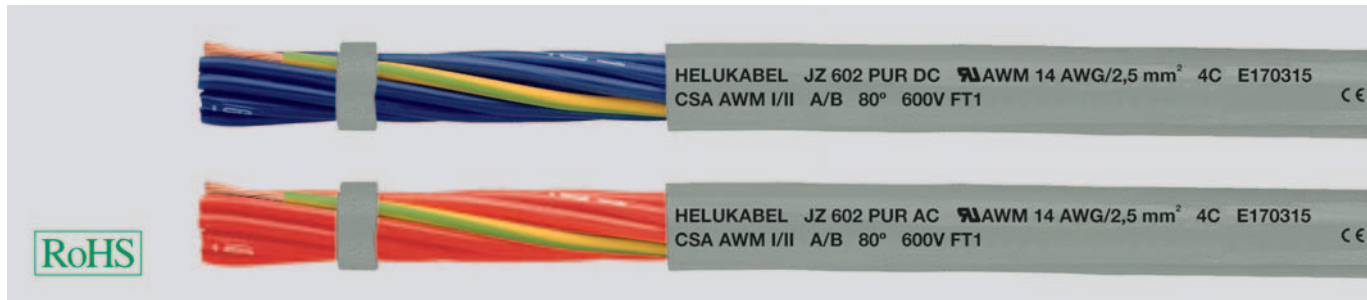


# JZ-602-PUR DC/AC 80°C, 600V, two approvals

control cable, meter marking



## Technical data

- Control cable of special-PUR to UL CSA AWM I/II A/B Style 20939 (jacket insulation) and CSA
- **Temperature range**  
flexing -5°C to +80°C  
fixed installation -40°C to +80°C
- **Nominal voltage** according to UL + CSA 600 V
- **Test voltage** 3000 V
- **Breakdown voltage** min. 6000 V
- **Insulation resistance**  
min 20 MOhm x km
- **Minimum bending radius**  
flexing 7,5x cable Ø  
fixed installation 4x cable Ø
- **Radiation resistance**  
up to 100x10<sup>6</sup> cJ/kg (up to 100 Mrad)

## Cable structure

- Bare copper, fine wire stranded to DIN VDE 0295 cl. 5, BS 6360 cl. 5 and IEC 60228 cl. 5
- Special PVC core insulation TI3, to DIN VDE 0281 part 1 and UL-Style 10012
- Blue (DC) or red (AC) cores with continuous white numbering
- Green-yellow earth core
- Cores stranded in layers with optimal lay-length
- **Full-polyurethane**  
outer jacket grey (RAL 7001)
- with meter marking, change-over in 2009

## Properties

- Resistant to mineral oils, synthetic oils, water based coolants, UV-radiation, oxygene, ozon and hydrolysis. Conditionally resistant to microbes.
- High abrasion resistance
- Tear and cut resistant
- The materials used in manufacturing are cadmium-free and do not contain no silicone any silicone and free from substances harmful to the wetting properties of lacquers

## Note

- G = with green-yellow earth core;
- DC = blue cores;
- AC = red cores;
- AWG sizes are approximate equivalent values. The actual cross-section is in mm<sup>2</sup>.

## Application

For use on conveyor belts, tooling machines, conveyor system, production lines and automotive production plants. Also for medium mechanical stress in flexible applications with free movement and without tensile stress. UL and CSA approved control cables especially for U.S. and Canadian markets.

CE = The product conforms to the EC Low Voltage Directive 2006/95/EC

### JZ-602 PUR DC (blue core)

Part No.	No. cores x cross-sec. mm <sup>2</sup>	AWG-no.	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km
12805	3 G 1	18	6,6	27,0	68,0
12806	4 G 1	18	7,2	38,0	79,0
12807	5 G 1	18	7,8	48,0	97,0
12808	7 G 1	18	9,1	67,0	141,0
12809	12 G 1	18	11,7	115,0	211,0
12810	18 G 1	18	14,0	173,0	284,0
12811	25 G 1	18	17,0	240,0	394,0
12812	3 G 1,5	16	7,5	44,0	96,0
12813	4 G 1,5	16	8,1	58,0	117,0
12814	5 G 1,5	16	8,7	72,0	140,0
12815	7 G 1,5	16	10,6	101,0	186,0
12816	12 G 1,5	16	13,4	173,0	319,0
12817	18 G 1,5	16	15,8	260,0	451,0
12818	25 G 1,5	16	18,9	360,0	625,0
12819	3 G 2,5	14	8,7	72,0	143,0
12820	4 G 2,5	14	10,1	96,0	185,0
12821	5 G 2,5	14	10,9	120,0	221,0
12822	7 G 2,5	14	13,1	168,0	293,0
12823	12 G 2,5	14	16,7	288,0	563,0
12824	18 G 2,5	14	19,6	432,0	854,0
12825	25 G 2,5	14	24,0	600,0	1188,0

### JZ-602 PUR AC (red core)

Part No.	No. cores x cross-sec. mm <sup>2</sup>	AWG-no.	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km
12826	3 G 1	18	6,6	27,0	68,0
12827	4 G 1	18	7,2	38,0	79,0
12828	5 G 1	18	7,8	48,0	97,0
12829	7 G 1	18	9,1	67,0	141,0
12830	12 G 1	18	11,7	115,0	211,0
12831	18 G 1	18	14,0	173,0	284,0
12832	25 G 1	18	17,0	240,0	394,0
12833	3 G 1,5	16	7,5	44,0	96,0
12834	4 G 1,5	16	8,1	58,0	117,0
12835	5 G 1,5	16	8,7	72,0	140,0
12836	7 G 1,5	16	10,6	101,0	186,0
12837	12 G 1,5	16	13,4	173,0	319,0
12838	18 G 1,5	16	15,8	260,0	451,0
12839	25 G 1,5	16	18,9	360,0	625,0
12840	3 G 2,5	14	8,7	72,0	143,0
12841	4 G 2,5	14	10,1	96,0	185,0
12842	5 G 2,5	14	10,9	120,0	221,0
12843	7 G 2,5	14	13,1	168,0	293,0
12844	12 G 2,5	14	16,7	288,0	563,0
12845	18 G 2,5	14	19,6	432,0	854,0
12846	25 G 2,5	14	24,0	600,0	1188,0

Dimensions and specifications may be changed without prior notice. (RN01)