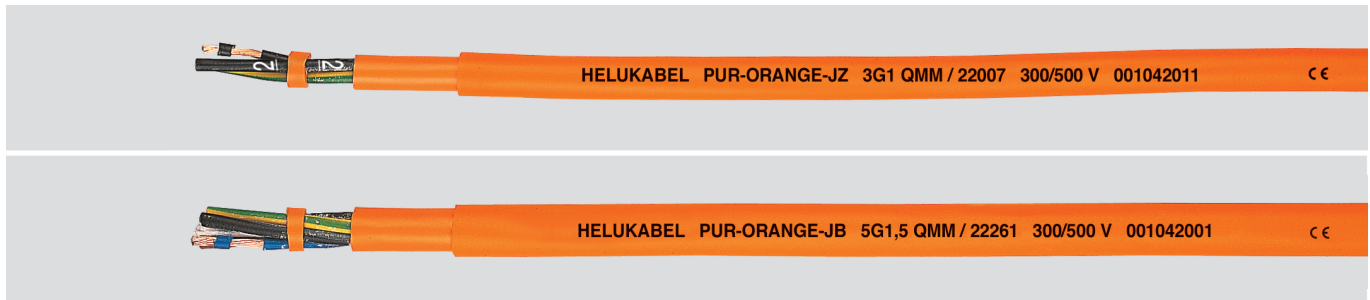


PUR-ORANGE

PVC-inner sheath, high abrasion, coolant resistant, meter marking



Technical data

- Special-PVC/PUR cable adapted to DIN VDE 0285-525-1 / DIN EN 50525-1
- **Temperature range**
flexing -15°C to +80°C
fixed installation -40°C to +80°C
- **Nominal voltage**
U₀/U 300/500 V
- **Test voltage**
3000 V
- **Breakdown voltage**
min. 6000 V
- **Minimum bending radius**
flexing 7.5x cable Ø
fixed installation 4x cable Ø

Cable structure

- Bare copper conductor, to DIN VDE 0295 cl.5, fine wire, BS 6360 cl.5, IEC 60228 cl.5
- Core insulation of special PVC compound type T12 adapted to DIN VDE 0207-363-3 / DIN EN 50363-3
- Core identification to DIN VDE 0293-308
JZ/OZ-version: black cores with continuous white numbering
JB/OB-version: coloured cores
- GN-YE conductor, 3 cores and above
- Cores stranded in layers with optimal lay length
- Inner sheath of PVC
- Outer sheath of PUR compound type TMPU to DIN EN 50363-10-2
- Sheath colour: orange (RAL 2003)
- With meter marking

Properties

- High flexibility at low temperature
- High abrasion resistance
- **Resistant to**
Oils and fats
Non-alcoholic fuels and kerosene
Atmospheric influences
UV-radiation
Oxygen and ozone
Microbes and rotting
Sea and waste water
Vibrations
- The materials used during manufacturing are cadmium-free, contain no silicone and are free from substances harmful to the wetting properties of lacquers

Note

- G = with GN-YE conductor
x = without GN-YE conductor (OZ/OB).
- AWG sizes are approximate equivalent values. The actual cross section is in mm².

Application

Robust connecting and control cable with an outstanding resistance to oil and abrasion. Suitable for use in tool making and machine industries, steel works, on building sites and in the oil and coal industries. The cable can also be used for portable tools etc. To be recommended if the cable comes into contact with chemical agents.

CE = Product conforms with Low-Voltage Directive 2014/35/EU.

JZ/OZ-version: cores numbered

Part no.	No. cores x cross-sec. mm ²	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
22001	2 x 0,75	6,4	14,4	50,0	19
22002	3 G 0,75	6,8	21,6	70,0	19
22003	4 G 0,75	7,3	28,8	80,0	19
22004	5 G 0,75	8,2	36,0	100,0	19
22005	7 G 0,75	9,2	50,0	140,0	19
22006	2 x 1	7,2	19,2	63,0	18
22007	3 G 1	7,6	29,0	76,0	18
22008	4 G 1	8,0	38,0	95,0	18
22009	5 G 1	8,8	48,0	120,0	18
22010	7 G 1	10,0	67,0	170,0	18
22015	2 x 1,5	7,8	29,0	80,0	16
22016	3 G 1,5	8,3	43,0	105,0	16
22017	4 G 1,5	9,0	58,0	135,0	16
22018	5 G 1,5	9,7	72,0	158,0	16
22019	7 G 1,5	11,2	101,0	221,0	16
22025	2 x 2,5	9,2	48,0	150,0	14
22026	3 G 2,5	9,6	72,0	173,0	14
22027	4 G 2,5	11,0	96,0	203,0	14
22028	5 G 2,5	12,0	120,0	253,0	14
22029	7 G 2,5	13,7	168,0	356,0	14
22033	3 G 4	11,8	115,0	250,0	12
22034	4 G 4	13,2	154,0	300,0	12
22035	5 G 4	14,8	192,0	370,0	12
22036	7 G 4	16,4	269,0	500,0	12
22037	4 G 6	15,4	230,0	480,0	10
22038	5 G 6	17,0	288,0	583,0	10
22039	7 G 6	20,8	403,0	780,0	10
22040	4 G 10	20,8	384,0	740,0	8
22041	5 G 10	22,6	480,0	920,0	8
22042	4 G 16	23,0	614,0	1100,0	6
22043	5 G 16	27,4	768,0	1400,0	6

JB/OB-version: cores colour coded

Part no.	No. cores x cross-sec. mm ²	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
22250	2 x 0,75	6,4	14,4	50,0	19
22251	3 G 0,75	6,8	21,6	70,0	19
22252	4 G 0,75	7,3	28,8	80,0	19
22253	5 G 0,75	8,2	36,0	100,0	19
22254	2 x 1	7,2	19,2	63,0	18
22255	3 G 1	7,6	29,0	76,0	18
22256	4 G 1	8,0	38,0	95,0	18
22257	5 G 1	8,8	48,0	120,0	18
22258	2 x 1,5	7,8	29,0	80,0	16
22259	3 G 1,5	8,3	43,0	105,0	16
22260	4 G 1,5	9,0	58,0	135,0	16
22261	5 G 1,5	9,7	72,0	158,0	16
22262	2 x 2,5	9,2	48,0	150,0	14
22263	3 G 2,5	9,6	72,0	173,0	14
22264	4 G 2,5	11,0	96,0	203,0	14
22265	5 G 2,5	12,0	120,0	253,0	14
22266	4 G 4	13,2	154,0	300,0	12
22267	5 G 4	14,8	192,0	370,0	12
22268	4 G 6	15,4	230,0	480,0	10
22269	5 G 6	17,0	288,0	583,0	10
22270	4 G 10	20,8	384,0	740,0	8
22271	5 G 10	22,6	480,0	920,0	8
22272	4 G 16	23,0	614,0	1100,0	6
22273	5 G 16	27,4	768,0	1400,0	6
22044	4 G 25	30,0	960,0	1600,0	4
22045	5 G 25	32,2	1200,0	2000,0	4
22046	4 G 35	33,0	1344,0	2100,0	2

Dimensions and specifications may be changed without prior notice. (RA02)