

## YK11Y-J PUR connection cable with coloured cores, flexible at low temperatures

SAB BRÖCKSKES · D-VIERSEN · YK11Y-J 4 x 2,5 mm<sup>2</sup> CE



Marking for YK11Y-J 02660425:

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### Construction:

<b>Conductor:</b>	bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 5
<b>Insulation:</b>	PVC, TI5 acc. to DIN VDE 0281 part 1, additional stabilized for low temperatures
<b>Colour code:</b>	coloured acc. to HD 308 (VDE 0293 part 308); green-yellow earth wire from 3 cores
<b>Stranding:</b>	in layers
<b>Sheath material:</b>	PUR, TMPU acc. to DIN VDE 0282 part 10 + HD 22.10
<b>Sheath colour:</b>	orange (RAL 2003)

### Outstanding features:

- oil resistant
- abrasion resistant
- notch resistant
- good chemical resistance
- flexible at low temperatures
- EAC approval

### Technical data:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 300/500 V
<b>Testing voltage U:</b>	3000 V acc. to DIN VDE 0281 part 2 + HD 21.2
<b>Min. bending radius</b>	
<i>fixed laying:</i>	4 x d
<i>flexible application:</i>	6 x d
<b>Radiation resistance:</b>	5 x 10 <sup>7</sup> cJ/kg
<b>Temperature range</b>	
<i>fixed laying:</i>	-40/+70 °C
<i>flexible application:</i>	-20/+70 °C
<b>Oil resistance:</b>	very good - TMPU acc. to DIN VDE 0282 part 10 + HD 22.10
<b>Chem. resistance:</b>	good against acids, alkalines, solvents, hydraulic liquids etc.
<b>Weather resistance:</b>	very good
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page N/17

item no.	no. of cores x cross section n x mm <sup>2</sup>	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
02660207	2 x 0,75	0,21	6,5	14,4	48
02660307	3 x 0,75	0,21	6,8	21,6	59
02660407	4 x 0,75	0,21	7,4	28,8	72
02660507	5 x 0,75	0,21	8,3	36,0	89
02660210	2 x 1,00	0,21	6,7	19,2	54
02660310	3 x 1,00	0,21	7,0	28,8	67
02660410	4 x 1,00	0,21	7,8	38,4	85
02660510	5 x 1,00	0,21	8,6	48,0	103
02660215	2 x 1,50	0,26	7,7	28,8	75
02660315	3 x 1,50	0,26	8,3	43,2	95

item no.	no. of cores x cross section n x mm <sup>2</sup>	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
02660415	4 x 1,50	0,26	9,2	57,6	119
02660515	5 x 1,50	0,26	10,3	72,0	148
02660225	2 x 2,50	0,26	9,3	48,0	113
02660325	3 x 2,50	0,26	10,2	72,0	146
02660425	4 x 2,50	0,26	10,8	96,0	177
02660525	5 x 2,50	0,26	12,1	120,0	219
02660440	4 x 4,00	0,31	14,5	153,6	310
02660540	5 x 4,00	0,31	15,7	192,0	371
02660460	4 x 6,00	0,31	15,7	230,4	403
02660560	5 x 6,00	0,31	17,1	288,0	484

Other dimensions and colours are possible on request.