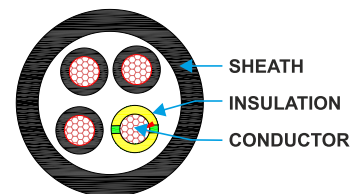
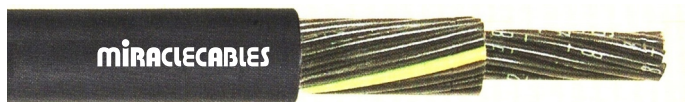




Control Cables - JZ-500

PUR Unshielded Number Coded



Application

JZ-500 PUR is an extremely robust control cable with high abrasion and tear resistant properties. Due to its high resistance coolant emulsions, it is especially suited for use in the machine, tool making and plant industries as well as in the steel industry for difficult and problem areas. The high flexibility of this cable type makes it quick and easy to install. Suitable for outdoor lying.
Product conforms to the low-voltage directive 2014/35/EU.

Properties

- Resistant to UV-radiation, oxygen, ozone and hydrolysis, microbes.
- Low adhesion, matt surface
- The materials used during manufacturing are cadmium-free, contain no silicone and are free from substances harmful to the wetting properties of lacquers

Construction

- Bare copper conductor, fine wire acc. To DIN VDE 0295 cl.5 / IEC 60228 cl.5
- Core insulation of special PVC compound type TI2 to DIN VDE 0207 - 363-3/ DIN EN 50363-3
- Core identification to DIN VDE 0293black cores with continuous white numbering GN-YE conductor, 3 cores and above in the outer layer
- Cores stranded in layers with optimal lay length
- Outer sheath of special full-polyurethanecompound type TMPU to DIN EN 50363-10-2
- Sheath colour: Black (RAL 9001), also available in other colours on request.

Technical Parameter

- Special polyurethane control cable in reference 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 : 4000 V
- Breakdown voltage : min. 8000 V
- Minimum bending radius : Flexing 7.5 x outer Ø, fixed installation 4 x outer Ø



Cable Design Parameters

Part No.	No. Core X Cross-Sec. (mm ²)	Outer Dia Approx (mm)	Weight Approx (kg/km)
0808B020005	2x0.5	4.8	45.0
0808B030005X	3G0.5	5.1	55.0
0808B030005	3x0.5	5.1	55.0
0808B040005X	4G0.5	5.5	65.0
0808B040005	4x0.5	5.5	65.0
0808B050005X	5G0.5	6.2	75.0
0808B050005	5x0.5	6.2	75.0
0808B070005X	7G0.5	6.7	90.0
0808B070005	7x0.5	6.7	90.0
0808B100005X	10G0.5	8.6	120.0
0808B120005X	12G0.5	8.9	135.0
0808B180005X	18G0.5	10.7	205.0
0808B250005X	25G0.5	12.4	270.0
0808B340005X	34G0.5	14.3	380.0
0808B420005X	42G0.5	15.8	415.0
0808B020007	2x0.75	5.3	44.0
0808B030007X	3G0.75	5.6	53.0
0808B030007	3x0.75	5.6	53.0
0808B040007X	4G0.75	6.3	64.0
0808B040007	4x0.75	6.3	64.0
0808B050007X	5G0.75	6.9	76.0
0808B050007	5x0.75	6.9	76.0
0808B070007X	7G0.75	7.5	96.0
0808B070007	7x0.75	7.5	96.0
0808B100007X	10G0.75	9.6	140.0
0808B120007X	12G0.75	9.9	170.0
0808B180007X	18G0.75	12.2	260.0
0808B250007X	25G0.75	14.1	282.0
0808B340007X	34G0.75	16.5	475.0
0808B420007X	42G0.75	18.1	600.0
0808B020010	2x1	5.6	53.0

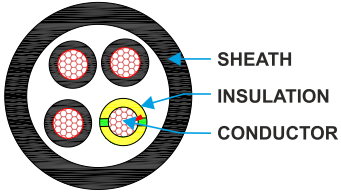
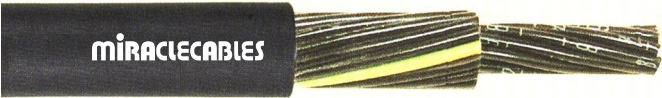
X=Green/Yellow

0807 - Control Cables



Control Cables - JZ-500

PUR Unshielded Number Coded



Cable Design Parameters

Part No.	No. Core X Cross-Sec. (mm ²)	Outer Dia Approx (mm)	Weight Approx (kg/km)
0808B030010X	3G1	5.9	63.0
0808B030010	3x1	5.9	63.0
0808B040010X	4G1	6.7	75.0
0808B040010	4x1	6.7	75.0
0808B050010X	5G1	7.3	89.0
0808B050010	5x1	7.3	89.0
0808B070010X	7G1	8.1	115.0
0808B070010	7x1	8.1	115.0
0808B100010X	10G1	10.2	166.0
0808B120010X	12G1	10.6	201.0
0808B180010X	18G1	12.9	289.0
0808B250010X	25G1	15.1	380.0
0808B340010X	34G1	17.7	645.0

0807 - Control Cables

