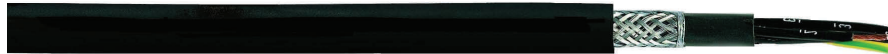


POWER-JZ-CY 0,6/1 kV



POWER-JZ-CY is a flexible 600/1000v, oil & weather resistant, overall shielded, PVC multi-conductor power and control cable designed for use in all electrical equipment in dry, damp and wet conditions. For use in flexible or stationary applications under medium mechanical stress with free movement without any tensile stress, loads or forced movements. Common applications include machine tools, measuring and control systems, air condition installations, conveyor belts, production lines, plant and appliance construction and other electrical applications requiring a greater voltage. Found in steel production plants, power stations, rolling mills, paint spray lines and refrigeration plants. The tinned copper braid shield provides interference-free data and signal transmissions and greater protection against electromagnetic distortion. Outdoor installation is permitted due to the black UV-resistant PVC outer jacket.



Construction:

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Cl-5
- Special PVC core insulation
- Color code VDE-0293 - black & numbered
- Black PVC inner jacket
- 85% Tinned Copper Braid
- Black PVC outer jacket (RAL 9005)
- "OZ" denotes no ground wire
- **Extremely oil & chemical resistant**

Technical:

- Working voltage: 600/1000 volts
- Test voltage: 4000 volts
- Flexing bending radius: 20 x Ø
- Static bending radius: 6 x Ø
- Flexing temp: -5° C to +70° C
- Static temp: -30° C to +80° C
- Flame retardant: IEC 60332.1
- Insulation resistance: >20 MΩ x km

Approvals:

- VDE-0245, 0250, 0281, 0293, 0295
- CE Low Voltage Directive 73/23/EEC and 93/68/EEC
- ROHS compliant

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
20 AWG (16/32) 0,50mm2				
1382002 OZ	2	0.398" / 10.1mm	25	111
1392003 **	3	0.409" / 10.4mm	30	121
1392004 **	4	0.433" / 11.0mm	36	141
1392005 **	5	0.457" / 11.6mm	42	160
1392007 **	7	0.484" / 12.3mm	51	184
1392012 **	12	0.587" / 14.9mm	88	267
1392018	18	0.669" / 17.0mm	117	350
1392025	25	0.744" / 18.9mm	150	428
18 AWG (24/32) 0,75mm2				
1381802 OZ	2	0.413" / 10.5mm	31	123
1391803 **	3	0.429" / 10.9mm	38	141
1391804 **	4	0.449" / 11.4mm	45	160
1391805 **	5	0.476" / 12.1mm	52	182
1391807 **	7	0.508" / 12.9mm	65	211
1391812 **	12	0.622" / 15.8mm	113	311
1391818	18	0.709" / 18.0mm	154	413
1391825	25	0.815" / 20.7mm	199	511
17 AWG (32/32) 1,0mm2				
1381702 OZ	2	0.425" / 10.8mm	35	133
1391703 **	3	0.441" / 11.2mm	44	153
1391704 **	4	0.465" / 11.8mm	53	175
1391705 **	5	0.496" / 12.6mm	62	201
1391707 **	7	0.524" / 13.3mm	78	225
1391712	12	0.646" / 16.4mm	137	350
1391718	18	0.736" / 18.7mm	188	461
1391725	25	0.850" / 21.6mm	248	593
16 AWG (30/30) 1,50mm2				
1381602 OZ	2	0.465" / 11.8mm	46	163
1391603 **	3	0.484" / 12.3mm	58	183
1391604 **	4	0.512" / 13.0mm	68	195
1391605 **	5	0.547" / 13.9mm	84	236
1391607 **	7	0.591" / 15.0mm	121	300

Sizes continued on next page.

POWER-JZ-CY 0,6/1 kV



POWER-JZ-CY Sizes Continued. (16 AWG and Larger)

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
16 AWG (32/32) 1,00mm2 Cont.				
1391612	12	0.736" / 18.7mm	188	463
1391618	18	0.858" / 21.8mm	262	629
1391625	25	0.988" / 25.1mm	347	791
14 AWG (50/30) 2,50mm2				
1381402 OZ	2	0.480" / 12.2mm	68	205
1391403	3	0.531" / 13.5mm	83	237
1391404	4	0.575" / 14.6mm	113	277
1391405	5	0.618" / 15.7mm	137	345
1391407	7	0.669" / 17.0mm	178	415
1391412	12	0.854" / 21.7mm	282	575
1391418	18	1.028" / 26.1mm	384	789
1391425	25	1.256" / 31.9mm	458	1038
12 AWG (56/28) 4,00mm2				
1391203	3	0.594" / 15.1mm	131	270
1391204	4	0.638" / 16.2mm	160	394
1391205	5	0.697" / 17.7mm	203	462
1391207	7	0.748" / 19.0mm	266	555
10 AWG (84/28) 6,00mm2				
1391003	3	0.661" / 16.8mm	177	404
1391004	4	0.697" / 17.7mm	213	480
1391005	5	0.756" / 19.2mm	281	575
1391007	7	0.835" / 21.2mm	375	741
8 AWG (80/26) 10,0mm2				
1390804	4	0.854" / 21.7mm	385	753
1390805	5	0.906" / 23.0mm	410	938
6 AWG (128/26) 16,0mm2				
1390604	4	0.957" / 24.3mm	543	767
1390605	5	1.051" / 26.7mm	627	1022
4 AWG (200/26) 25,0mm2				
1390404	4	1.173" / 29.8mm	781	1409
1390405	5	1.244" / 31.6mm	939	1802
2 AWG (280/26) 35,0mm2				
1390204	4	1.287" / 32.7mm	1129	1851
1 AWG (400/26) 50,0mm2				
1390104	4	1.559" / 39.6mm	1588	2434
2/0 AWG (356/24) 70,0mm2				
1392104	4	1.752" / 44.5mm	2187	3430
3/0 AWG (485/24) 95,0mm2				
1393104	4	2.008" / 51.0mm	2720	4353
4/0 AWG (614/24) 120,0mm2				
1394104	4	2.287" / 58.1mm	3505	5989

* Additional sizes may be available.

** Sizes available as POWER-CY-OZ (138) - no ground wire construction