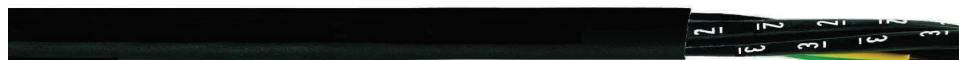


## POWER-JZ 0,6/1 kV



**POWER-JZ** is a flexible 600/1000v, oil & weather resistant, 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. 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
- Ground wire in outer layer
- 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: 15 x Ø
- Static bending radius: 4 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
<b>18 AWG (24/32) 0,75mm<sup>2</sup></b>				
1121802 OZ	2	0.327" / 8.3mm	9	54
1131803 **	3	0.343" / 8.7mm	15	62
1131804 **	4	0.362" / 9.2mm	19	72
1131805 **	5	0.390" / 9.9mm	24	85
1131807 **	7	0.421" / 10.7mm	34	109
1131812 **	12	0.528" / 13.4mm	58	158
1131818 **	18	0.606" / 15.4mm	87	224
1131825	25	0.697" / 17.7mm	121	315
1131834	34	0.795" / 20.2mm	164	409
1131841	41	0.850" / 21.6mm	199	478
1131850	50	0.941" / 23.9mm	241	563
<b>17 AWG (32/32) 1,00mm<sup>2</sup></b>				
1121702 OZ	2	0.205" / 8.6mm	13	66
1131703 **	3	0.217" / 9.0mm	19	75
1131704 **	4	0.244" / 9.6mm	25	88
1131705 **	5	0.268" / 10.4mm	32	102
1131707 **	7	0.319" / 11.1mm	45	131
1131712 **	12	0.390" / 14.0mm	77	192
1131718 **	18	0.469" / 16.1mm	116	281
1131725	25	0.571" / 18.6mm	161	384
1131734	34	0.646" / 21.3mm	219	512
1131741	41	0.693" / 23.2mm	264	598
1131750	50	0.780" / 25.2mm	322	702
<b>16 AWG (30/30) 1,50mm<sup>2</sup></b>				
1121602 OZ	2	0.378" / 9.6mm	19	83
1131603 **	3	0.398" / 10.1mm	29	97
1131604 **	4	0.425" / 10.8mm	39	114
1131605 **	5	0.461" / 11.7mm	46	133
1131607 **	7	0.496" / 12.6mm	68	175
1131612 **	12	0.634" / 16.1mm	116	268
1131618	18	0.740" / 18.8mm	174	367
1131625	25	0.854" / 21.7mm	241	516
1131634	34	0.980" / 24.9mm	329	668
1131641	41	1.071" / 27.2mm	405	751
1131650	50	1.173" / 29.8mm	483	957

Sizes continued on next page.

## POWER-JZ 0,6/1 kV



### POWER-JZ Sizes Continued. ( 14 AWG and Larger )

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
<b>14 AWG (50/30) 2,50mm<sup>2</sup></b>				
1121402 OZ	2	0.425" / 10.8mm	32	99
1131403 **	3	0.445" / 11.3mm	48	122
1131404 **	4	0.480" / 12.2mm	64	151
1131405 **	5	0.524" / 13.3mm	80	178
1131407	7	0.567" / 14.4mm	113	237
1131412	12	0.736" / 18.7mm	193	362
1131418	18	0.866" / 22.0mm	225	529
1131425	25	1.016" / 25.8mm	402	734
<b>12 AWG (56/28) 4,00mm<sup>2</sup></b>				
1131203	3	0.496" / 12.6mm	77	154
1131204	4	0.543" / 13.8mm	103	217
1131205	5	0.594" / 15.1mm	129	258
1131207	7	0.646" / 16.4mm	180	344
<b>10 AWG (84/28) 6,00mm<sup>2</sup></b>				
1131003	3	0.559" / 14.2mm	116	248
1131004	4	0.594" / 15.1mm	154	296
1131005	5	0.661" / 16.8mm	193	353
1131007	7	0.717" / 18.2mm	270	473
<b>8 AWG (80/26) 10,0mm<sup>2</sup></b>				
1130804	4	0.736" / 18.7mm	258	474
1130805	5	0.815" / 20.7mm	322	591
<b>6 AWG (128/26) 16,0mm<sup>2</sup></b>				
1130604	4	0.839" / 21.3mm	412	738
1130605	5	0.929" / 23.6mm	515	1073
<b>4 AWG (200/26) 25,0mm<sup>2</sup></b>				
1130404	4	1.031" / 26.2mm	644	1073
1130405	5	1.256" / 31.9mm	805	1375
<b>2 AWG (280/26) 35,0mm<sup>2</sup></b>				
1130204	4	1.146" / 29.1mm	901	1610
<b>1 AWG (400/26) 50,0mm<sup>2</sup></b>				
1130104	4	1.402" / 35.6mm	1288	2280
<b>2/0 AWG (356/24) 70,0mm<sup>2</sup></b>				
1132104	4	1.602" / 40.7mm	1835	3387
<b>3/0 AWG (485/24) 95,0mm<sup>2</sup></b>				
1133104	4	1.843" / 46.8mm	2447	4031
<b>4/0 AWG (614/24) 120,0mm<sup>2</sup></b>				
1134104	4	2.106" / 53.5mm	3091	5030

\* Additional sizes may be available.

\*\* Sizes available as POWER-OZ (112) - no ground wire construction