



COLD-JZ -30° Cold Flexing



COLD-JZ is a special version of our Flex-JZ with increased cold temperature flexing range. This cold-resistant PVC control cable is designed for use in cold applications under medium mechanical stress with free movement without any tensile stress, loads or forced movements. Common applications include air conditioning construction, transport belts, machine tools, control systems and cold assembly lines and bottling equipment. Found in freezing plants, cold rooms, cold stores, plant engineering and refrigeration plants. Outdoor installation with UV protection only.



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
- special PVC outer jacket - gray (RAL 7001)
- "OZ" denotes no ground wire
- **Extremely oil & chemical resistant**

Technical:

- Working voltage: 300/500 volts
- Test voltage: 4000 volts
- Flexing bending radius: 15 x Ø
- Static bending radius: 4 x Ø
- Flexing temp: -30° C to +70° C
- Static temp: -40° C to +80° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 20 MΩ x km

Approvals:

- VDE-0245, 0281, 0293 & 0295
- CE Low Volt Directive 2006/95/EC
- ROHS compliant

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
20 AWG (16/32) 0,50mm²				
1062002 OZ	2	0.193" / 4.9mm	6	26
18 AWG (24/32) 0,75mm²				
1061802 OZ	2	0.213" / 5.4mm	10	30
1061803 OZ	3	0.224" / 5.7mm	15	37
1071803	3	0.224" / 5.7mm	15	37
1061804 OZ	4	0.244" / 6.2mm	19	44
1071804	4	0.244" / 6.2mm	19	44
1061805 OZ	5	0.263" / 6.7mm	24	53
1071805	5	0.263" / 6.7mm	24	53
1061807 OZ	7	0.287" / 7.3mm	34	68
1071807	7	0.287" / 7.3mm	34	68
1071812	12	0.390" / 9.9mm	58	115
1071818	18	0.461" / 11.7mm	87	164
1071825	25	0.543" / 13.8mm	121	226
17 AWG (32/32) 1,00mm²				
1061702 OZ	2	0.224" / 5.7mm	13	36
1061703 OZ	3	0.236" / 6.0mm	19	44
1071703	3	0.236" / 6.0mm	19	44
1061704 OZ	4	0.260" / 6.6mm	25	53
1071704	4	0.260" / 6.6mm	25	53
1061705 OZ	5	0.283" / 7.2mm	32	63
1071705	5	0.283" / 7.2mm	32	63
1061707 OZ	7	0.315" / 8.0mm	45	85
1071707	7	0.315" / 8.0mm	45	85
1071712	12	0.413" / 10.5mm	77	138
1071718	18	0.500" / 12.7mm	116	201
1071725	25	0.583" / 14.8mm	191	274
16 AWG (30/30) 1,50mm²				
1061602 OZ	2	0.248" / 6.3mm	19	46
1061603 OZ	3	0.264" / 6.7mm	29	56
1071603	3	0.264" / 6.7mm	29	56
1061604 OZ	4	0.287" / 7.3mm	39	70
1071604	4	0.287" / 7.3mm	39	70
1061605 OZ	5	0.323" / 8.2mm	48	86
1071605	5	0.323" / 8.2mm	48	86
1061607 OZ	7	0.350" / 8.9mm	68	111
1071607	7	0.350" / 8.9mm	68	111

Sizes continued on next page.



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COLD-JZ Sizes Continued. (16 AWG and Larger)

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
16 AWG (30/30) 1,50mm² Cont.				
1071612	12	0.476" / 12.1mm	116	187
1071618	18	0.571" / 14.5mm	174	273
1071625	25	0.665" / 16.9mm	241	376
14 AWG (50/30) 2,50mm²				
1061402 OZ	2	0.299" / 7.6mm	32	68
1071403	3	0.319" / 8.1mm	48	89
1071404	4	0.350" / 8.9mm	64	109
1071405	5	0.398" / 10.1mm	80	134
1071407	7	0.441" / 11.2mm	113	179
12 AWG (56/28) 4,00mm²				
1071204	4	0.425" / 10.8mm	103	167
1071205	5	0.476" / 12.1mm	129	205
10 AWG (84/28) 6,00mm²				
1071004	4	0.512" / 13.0mm	154	245
1071005	5	0.571" / 14.5mm	193	300

* Additional sizes may be available.