



High Flex Cable PVC/PVC Ce Approved



Technical Data

JZ HF

- Special PVC drag chain cable
- Requirements adapted to DIN VDE0281 Part 13
- **Temperature Range**
Flexing -5°C to + 80°C
Fixed installation -40°C to +80°C
- **Nominal Voltage**- 300/500V
- **Test Voltage** 4000V
- **Insulation Resistance**
Min 20 Mohm x KM
- **Minimum bending radius**
Flexing 7.5 x Cable Ø
Fixed installation 4 x Cable Ø
- **Radiation Resistance**
Up to 80x10 cj/kg(up to 80 Mrad)

Cable Construction

- Bare Copper , Ultra-fine wire acc to DIN VDE 0295 Cl.6 col.4, BS6360 cl.6 and IEC 60228 cl.6
- Special core insulation of PVC Z7225
- Black Cores with sequential numbering Imprinted in white acc to DIN VDE 0293
- Green-Yellow earth core 3 cores +
- Cores stranded together with optimal Lay length
- Fleece wrapping facilitates sliding
- Special PVC outer sheath , TM2 to Din VDE 0281 part 1 and HD 21.1
- Colour Grey (RAL 7001)

Properties

- Extensively Oil resistant
- PVC self-extinguishing and flame retardant according to DIN VDE 0482 part 265-2-1/EN 50265-2-1/ IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)
- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful To the wetting properties of lacquers

Application

JZ-HF cables are ideal for use in the machine tool industry , in robotics and machine production and anywhere where high flexibility is essential. These cables have shown excellent performance in combination with standard cable trays. These cables are suitable for flexible use for medium mechanical stresses with free movements.

This product conforms with the EC low directive 73/23/EEC and 93/68/EEC



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Part No	Conductor	Cores	Weight (KG/KM)	O.D (mm)
CC/2X0.5HF	0.5	2	46	5.0
CC/3X0.5HF	0.5	3	57	5.3
CC/4X0.5HF	0.5	4	70	5.7
CC/5X0.5HF	0.5	5	93	6.4
CC/7X0.5HF	0.5	7	127	7.5
CC/12X0.5HF	0.5	12	177	9.2
CC/18X0.5HF	0.5	18	284	11.1
CC/25X0.5HF	0.5	25	363	13.4
CC/34X0.5HF	0.5	34	487	15.0
CC/42X0.5HF	0.5	42	593	16.1
CC/52X0.5HF	0.5	50	675	17.9
CC/61x0.5HF	0.5	61	829	19.6
CC/2X0.75HF	0.75	2	58	5.4
CC/3X0.75HF	0.75	3	73	5.7
CC/4X0.75HF	0.75	4	77	6.4
CC/5X0.75HF	0.75	5	119	7.0
CC/7X0.75HF	0.75	7	165	8.3
CC/12X0.75HF	0.75	12	247	10.2
CC/18X0.75HF	0.75	18	356	12.1
CC/25X0.75HF	0.75	25	498	14.9
CC/34X0.75HF	0.75	34	550	16.6
CC/42X0.75HF	0.75	42	600	18.1
CC/50X0.75HF	0.75	50	700	20.0
CC/65X0.75HF	0.75	61	841	24.7



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Part No	Conductor	Cores	Weight (KG/KM)	O.D (mm)
CC/2X1HF	1	2	65	5.7
CC/3X1HF	1	3	84	6.0
CC/4X1HF	1	4	113	6.8
CC/5X1HF	1	5	137	7.4
CC/7X1HF	1	7	192	8.8
CC/12x1HF	1	12	295	10.8
CC/18X1HF	1	18	420	13.0
CC25X1HF	1	25	600	15.8
CC/34X1HF	1	34	777	17.8
CC/41X1HF	1	41	926	19.3
CC/50X1HF	1	50	1092	21.2
CC/65X1HF	1	65	1400	23.7
CC/2X1.5HF	1.5	2	91	6.4
CC/3X1.5HF	1.5	3	117	6.8
CC/4X1.5HF	1.5	4	147	7.4
CC/5X1.5HF	1.5	5	181	8.3
CC/7X1.5HF	1.5	7	273	9.9
CC/10X1.5HF	1.5	10	344	11.9
CC/12X1.5HF	1.5	12	391	12.1
CC/18X1.5HF	1.5	18	590	14.5
CC/25X1.5HF	1.5	25	801	17.8
CC/34X1.5HF	1.5	34	1084	19.7
CC/42X1.5HF	1.5	42	1290	21.5
CC/50X1.5HF	1.5	50	1521	23.7
CC/65X1.5HF	1.5	61	1916	26.2
CC/2X2.5HF	2.5	2	130	7.7
CC/3X2.5HF	2.5	3	160	8.4
CC/4X2.5HF	2.5	4	200	9.1
CC/5X2.5HF	2.5	5	268	10.2
CC/7X2.5HF	2.5	7	357	12.2
CC/12X2.5HF	2.5	12	572	15.2
CC/18X2.5HF	2.5	18	800	18.1
CC/25X2.5HF	2.5	25	1100	22.5
CC/34X2.5HF	2.5	34	1500	25.2
CC/3X4HF	4	3	221	10.4
CC/4X4HF	4	4	260	11.4
CC/5X4HF	4	5	318	12.7
CC/4X6HF	6	4	392	13.3
CC/5X6HF	6	5	481	14.5
CC/4X10HF	10	4	642	17.7
CC/5X10HF	10	5	780	19.7
CC/4X16HF	16	4	926	19.8
CC/5X16HF	16	5	1135	22.3