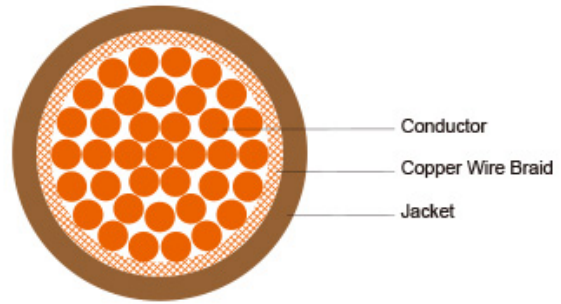


Harmonized Code Industrial Cables H00V-D



Application and Description

These high flexible earthed conductors are used for earthing of portable equipment and short circuiting. These cables perform a protective function in the live repair of high voltage power supply in railway systems, failing current equipment, alternating current systems and in networks of transmission and distribution. Because of that these are designated as safety cables. These earthing cables offer special characteristics with low weights, high flexibility to a wide temperature range and the behavior in high temperature. The protective overall PVC jacket assure essential function for proper protection against mechanical and chemical stresses.

Standard and Approval

EN61138
VDE-0283 Part-3
DIN 46438 & DIN 46440
CE low voltage directive 73/23/EEC & 93/68/EEC
ROHS compliant

Cable Construction

1. Extra fine bare copper strands
Strands to DIN VDE 0295, BS 6360, IEC 60228 and HD 383
2. Overall bare copper wire braid (for ESUY type)
3. PVC transparent jacket TM2
High stress resistance
Spark Test 6, 4 & 2 AWG: 5000V
Spark Test 1 & 2/0 AWG: 6000V
Spark Test 3/0 - 500 MCM: 8000V

Technical Characteristics

WORKING VOLTAGE: N/A - earthing only
TEST VOLTAGE: 2000 volts
MINIMAL BENDING RADIUS: 12.0 x Ø
TEMPERATURE RANGE: -5 °C to +70 °C
FLAME RETARDANT: IEC 60332.1
INSULATION RESISTANCE: 20 MΩ x km

**Cable Parameter
H00V-D (ESEU TYPE)**

AWG	NO. OF CORES X NOMINAL CROSS SECTIONAL AREA	NOMINAL OVERALL DIAMETER	NOMINAL COPPER WEIGHT	NOMINAL WEIGHT
	# X MM ²	MM	KG/KM	KG/KM

6(4200/41)	1 x 16	9.1	194	230
4(3192/38)	1 x 25	10.5	280	335
2(4480/38)	1 x 35	12.5	415	475
1(6383/38)	1 x 50	14.2	585	670
2/0(8918/38)	1 x 70	16.8	820	905
3/0(12100/38)	1 x 95	19.8	1090	1220
4/0(15300/38)	1 x 120	21.5	1360	1505
300MCM(19152/38)	1 x 150	24	1650	1940
350MCM(23580/38)	1 x 185	27.6	2150	2390
500MCM(30600/38)	1 x 240	31	2750	3090

H00V-D (ESY TYPE)

AWG	NO. OF CORES X NOMINAL CROSS SECTIONAL AREA	NOMINAL OVERALL DIAMETER	NOMINAL COPPER WEIGHT	NOMINAL WEIGHT
	# X MM ²	MM	KG/KM	KG/KM
6(525/32)	1 x 16	8.5	155	185
4(798/32)	1 x 25	10.0	240	270
2(1120/32)	1 x 35	12.5	336	390
1(1617/32)	1 x 50	14.0	480	575
2/0(2254/32)	1 x 70	17.2	672	810
3/0(3087/32)	1 x 95	19.5	912	1080
4/0(3822/32)	1 x 120	22.8	1152	1320
300MCM(4802/32)	1 x 150	25.4	1440	1680