H00V-D (ESUY)

<HAR>

H00V-D (ESUY) is a harmonized, very high flex single core used for the 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. **H00V-D (ESUY)** offers high flexing, low weights and a wide temperature range to designate it as a safety cable. A protective copper braid and overall PVC jacket assure essential function for proper protection against mechanical and chemical stresses.

Construction:

- Extra fine bare copper strands
- Strands to VDE-0295 as listed below
- Overall bare copper wire braid
- PVC transparent jacket
- 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:

- Working voltage: N/A - earthing only
- Test voltage: 2000 volts
- Minimal bending radius: 12.0 x Ø
- Temp range: -5º C to +70º C
- Flame retardant: IEC 60332.1
- Insulation resistance: 20 MΩ x km

Approvals:

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

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
6 AWG (4200/41) 16,0mm2 4900601	1	.358" / 9.1mm	130	154
4 AWG (3192/38) 25,0mm2 4900401	1	.413" / 10.5mm	188	225
2 AWG (4480/38) 35,0mm2 4900201	1	.492" / 12.5mm	278	319
1 AWG (6383/38) 50,0mm2 4900101	1	.559" / 14.2mm	392	449
2/0 AWG (8918/38) 70,0mm2 4902101	1	.661" / 16.8mm	550	607
3/0 AWG (12100/38) 95,0mm2 4903101	1	.780" / 19.8mm	731	818
4/0 AWG (15300/38) 120,0mm2 4904101	1	.846" / 21.5mm	912	1009
250 MCM (19152/38) 150,0mm2 4902501	1	.945" / 24.0mm	1107	1301
350 MCM (23580/38) 185,0mm2 4903501	1	1.087" / 27.6mm	1442	1603
500MCM (30600/38) 240,0mm2 4905001	1	1.220" / 31.0mm	1845	2072

*** Sizes #6 AWG (16,0mm2) to #250 MCM (150,0mm2) are available in a cold flexing (-25º C) construction with a standard flexible strand and no bare copper overall protective braid. H00V3-D (ESY) series (491)**