

HUBER+SUHNER High Voltage Battery Cable Constructions

1,000V AC/1,500V DC; 150°C Orange High Voltage Wires and Cables



Why use IEWC's HUBER+SUHNER High Voltage Cable?

HUBER+SUHNER high voltage battery cables feature bare copper stranded conductors that are insulated and/or jacketed using HUBER+SUHNER RADOX® compound.

These cables perform at voltages up to 1,000V AC and 1,500V DC, and are able to permanently withstand temperatures of 150°C. With necessary industry certifications such as ISO 6722-1 class D and ISO 19642-9 class D on all constructions, these cables are suitable for use in vehicle applications where tolerance to high and low temperatures, ozone, UV, weathering, motor oils, fuels, water, flame, and abrasion is extremely important to enduring, reliable performance.

APPLICATIONS

Intended for use in high voltage applications for electric or hybrid vehicles including buses, cars, and off-road vehicles.



IEWC Material	IEWC Description	Gauge mm ²	AWG Equiv.	# Conductors	Stranding	Insulation Material	Shielding	Jacket Material	Color	Putup
32099079	35MM2 RADOX 155 150C 1kV/1.5kV ORANGE	35	2	1	273	RADOX 155	Unshielded	None	Orange	100
32099080	50MM2 RADOX 155 150C 1kV/1.5kV ORANGE	50	1	1	385	RADOX 155	Unshielded	None	Orange	300
32099075	4MM2 RADOX 155S 150C 1kV/1.5kV SHLD ORG	4	12	1	56	RADOX 155S	Tin-plated copper braid	Radox Elastomer S	Orange	100
32099074	6MM2 RADOX 155S 150C 1kV/1.5kV SHLD ORG	6	10	1	84	RADOX 155S	Tin-plated copper braid	Radox Elastomer S	Orange	100
32098659	10MM2 RADOX 155 150C 1kV/1.5kV SHLD ORG	10	8	1	78	RADOX 155	Tin-plated copper braid	Radox Elastomer S	Orange	100
32099073	16MM2 RADOX 155 150C 1kV/1.5kV SHLD ORG	16	6	1	126	RADOX 155	Tin-plated copper braid	Radox Elastomer S	Orange	100
32099072	25MM2 RADOX 155 150C 1kV/1.5kV SHLD ORG	25	4	1	189	RADOX 155	Tin-plated copper braid	Radox Elastomer S	Orange	100
32098660	35MM2 RADOX 155 150C 1kV/1.5kV SHLD ORG	35	2	1	273	RADOX 155	Tin-plated copper braid	Radox Elastomer S	Orange	100
32098657	50MM2 RADOX 155 150C 1kV/1.5kV SHLD ORG	50	1	1	385	RADOX 155	Tin-plated copper braid	Radox Elastomer S	Orange	100
32099165	70MM2 RADOX 155 150C 1kV/1.5kV SHLD ORG	70	2/0	1	360	RADOX 155	Tin-plated copper braid	Radox Elastomer S	Orange	100
32099071	95MM2 RADOX 155 150C 1kV/1.5kV SHLD ORG	95	3/0	1	480	RADOX 155	Tin-plated copper braid	Radox Elastomer S	Orange	100
32099039	2x2.5MM2 2C RADOX 155S 150C 1kV/1.5kV SHLD ORG	2.5	14	2	50	RADOX 155S	Tin-plated copper braid	Radox Elastomer S	Orange	
32097835	2x4MM2 2C RADOX 155S 150C 1kV/1.5kV SHLD ORG	4	12	2	56	RADOX 155S	Tin-plated copper braid	Radox Elastomer S	Orange	
32099078	3x2.5MM2 3C RADOX 155S 150C 1kV/1.5kV SHLD ORG	2.5	14	3	50	RADOX 155S	Tin-plated copper braid	Radox Elastomer S	Orange	100
32098656	3x10MM2 3C RADOX 155 150C 1kV/1.5kV SHLD ORG	10	8	3	78	RADOX 155	Tin-plated copper braid	Radox Elastomer S	Orange	100
32099163	3x4MM2 3C RADOX 155S 150C 1kV/1.5kV SHLD ORG	4	12	3	56	RADOX 155S	Tin-plated copper braid	Radox Elastomer S	Orange	100
32098655	4x4MM2 4C RADOX 155S 150C 1kV/1.5kV SHLD ORG	4	12	4	56	RADOX 155S	Tin-plated copper braid	Radox Elastomer S	Orange	500