



UL/cUL HAR SOOW / H07RN8-F UL 62 750V 90°C

Construction

- Conductor: Flexible stranded bare copper in accordance with ASTM B-174 and UL62; IEC 60228
- Separator: Paper tape as needed
- Insulation: Ethylen-Propylene-rubber
EPDM-based elastomeric rubber, oil resistant up to 60°C, class 3 accordingly to UL 62 standard and type EI4 accordingly to EN 50363-1 standard
- Colour code: 3/C green/yellow, blue, brown
4/C green/yellow, brown, black, grey
5/C green/yellow, blue, brown, black, grey
6/C green/yellow, other cores black with white numbering
- Cabling: Insulated conductors are assembled round without fillers
- Separator: Paper tape or polyester tape
- Outer jacket: CPE thermosetting compound
CPEbased elastomeric rubber resistant to water and oil contact up to 60°C, class 1.4 accordingly to standard to UL 62 and EM2 accordingly to standard EN 50363-2-1
- Colour of outer jacket: Black. Other colours available on request
- Marking: printing according to HAR UL62 E501490

Technical specifications

- Operating voltage: 750 V
- Temperature range UL: -40°C to +90°C
- Temperature range HAR: to +60°C

Characteristics

Excellent flexibility, resistance to oil, solvents, ozone, weather, sunlight and water.

Applications

Industrial and processing equipment, cranes and hoists, track systems, tools, construction equipment, motors and associated machinery, garage portable lights, battery charger and equipment exposed to oils, solvents, flame, moisture and other electrical equipment, other industrial applications.

These cables, thanks to their enhanced oil and water resistance and the high performant materials with good or excellent mechanical properties, are widely used in heavy or very heavy applications in mechanical workshops, interconnections of industrial equipment and machine tools and permanent outdoor installation.

The cables, besides the above performances, have an high flexibility to very low temperatures, an excellent resistance to UV, ozone and weather agents, in addition to abrasion and chemicals. All these characteristics make them needful for wiring of large appliances, temporary supply of electrical power and lighting for construction sites or, even, for use in mining, cranes, dockside power applications or permanent water immersion up to 10 meters depth.

Conductor size mm ²	Outer diameter mm	Thickness of jacket mm	total weight kg/km	stocknumber
2x1	9,1	> 1,52 / 60	110	2182201010
3x1	9,6	> 1,52 / 60	128	2182301010
4x1	10,3	> 1,52 / 60	151	2182401010
5x1	12,3	> 2,03 / 80	213	2182501010
2x1,5	10,8	> 2,03 / 80	155	2182201510
3x1,5	11,4	> 2,03 / 80	183	2182301510
4x1,5	12,2	> 2,03 / 80	215	2182401510
5x1,5	13,8	> 2,41 / 95	273	2182501510
2x2,5	13,5	> 2,03 / 80	248	2182202510
3x2,5	14,3	> 2,03 / 80	290	2182302510
4x2,5	15,4	> 2,03 / 80	348	2182402510
5x2,5	17,5	> 2,41 / 95	444	2182502510
2x4	15,2	> 2,41 / 95	327	2182204010
3x4	16,0	> 2,41 / 95	384	2182304010
4x4	17,3	> 2,41 / 95	463	2182404010
5x4	18,8	> 2,41 / 95	554	2182504010

- Further formats available on request
- All data and products subject to change