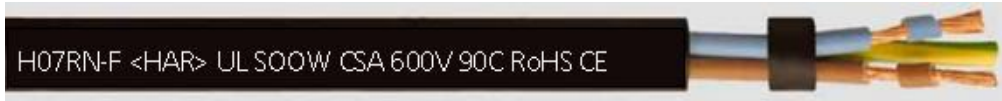




H07RN-F / SOOW



H07RN-F/SOOW is a harmonized, UL/CSA approved, heavy-duty, flexible, black neoprene jacketed, multi-conductor European and domestic cord. Recommended for use in electrical equipment under medium mechanical stress in a dry or damp indoor or outdoor environment. Commonly used on equipment in industry works such as boilers, heating plates, hand lamps, electric tools (drills and circular saws), in homework tools and transportable motors or machines at site. Also suitable for installations exposed to oils, solvents, flame, moisture, and other electrical equipment. **H07RN-F/SOOW** is MSHA approved and suitable for shallow water immersion. Sun and water resistant.



Construction:

- Extra fine bare copper strands
- Strands to VDE-0295 as listed below
- Color code VDE-0293-308 & HD 186
- Paper tape or talc separator
- Polychloroprene rubber (neoprene) jacket
- UV, heat, cold and flame resistant
- Weather resistant

Technical:

- Working voltage UL/CSA: 600 volts
- Working voltage HAR: 450/750 volts
- Test voltage: 2500 volts
- Flexing bending radius: 10.0 x Ø
- Fixed bending radius: 7.5 x Ø
- Flexing Temp UL: -40° C to +90° C
- Flexing Temp HAR: -25° C to +60° C
- Flame retardant: IEC 60332.1
- Flame test: VW-1, FT-2, MSHA

Approvals:

- <HAR> HD22.145
- VDE-0282 Part-4
- UL: 62-Listed SOOW
- CSA: Certified SOOW
- MSHA Approved
- CE low voltage directive 73/23/EEC & 93/68/EEC.
- ROHS compliant

| PART NUMBER | CORES | NOMINAL OD | CU LBS/MFT | WT LBS/MFT |
|------------------------------------------|-------|-----------------|------------|------------|
| 18 AWG (32/32) 1,00mm² | | | | |
| 4151803 | 3 | 0.377" / 9.6mm | 19 | 88 |
| 16 AWG (30/30) 1,50mm² | | | | |
| 4151603 | 3 | 0.401" / 10.2mm | 29 | 111 |
| 4151604 | 4 | 0.452" / 11.4mm | 39 | 135 |
| 4151605 | 5 | 0.515" / 13.1mm | 48 | 162 |
| 14 AWG (50/30) 2,50mm² | | | | |
| 4151403 | 3 | 0.551" / 14.0mm | 48 | 159 |
| 4151404 | 4 | 0.594" / 15.1mm | 65 | 196 |
| 4151405 | 5 | 0.665" / 16.9mm | 81 | 230 |
| 12 AWG (56/28) 4,00mm² | | | | |
| 4151203 | 3 | 0.623" / 15.7mm | 77 | 216 |
| 4151204 | 4 | 0.669" / 17.0mm | 103 | 263 |
| 4151205 | 5 | 0.736" / 18.7mm | 129 | 328 |
| 10 AWG (84/28) 6,00mm² | | | | |
| 4151003 | 3 | 0.673" / 17.1mm | 116 | 335 |
| 4151004 | 4 | 0.716" / 18.2mm | 155 | 412 |
| 4151005 | 5 | 0.791" / 20.1mm | 194 | 514 |
| 8 AWG (80/26) 10,0mm² | | | | |
| 4150803 | 3 | 0.901" / 22.9mm | 194 | 595 |
| 4150804 | 4 | 0.984" / 25.0mm | 258 | 712 |

* Can be a substitute for either the standard H07RN-F or SOOW.

** Additional sizes may be available.

