



Flexible Wiring Cable - H07RN-F

Product Type:
Flexible Cable

Application:

Suitable for internal or external use, the cables are used where a flexible connection to equipment is required in industrial, agricultural, mobile power supplies and construction applications. The cable is suitable for medium to heavy duty use, the sheath is oil resistant and offers good balance of mechanical and thermal resistance. The cable is only suitable for brief submersion in water.

Standards:

VDE 0282, VDE 0472
REACH and RoHS Compliant

Construction:

| | |
|-------------|--|
| Conductor: | Flexible plain annealed copper to EN 60228, Class 5 |
| Insulation: | Thermosetting EPR (Ethylene Propylene Rubber) insulation Type EI4 |
| Core | Multiple colour coded cores twisted together 2-core, blue and brown; 3-core, green/yellow, blue and brown; 4-core, (to be advised at the time of ordering), either: green/yellow, blue, brown and black, <u>or</u> green/yellow, brown, black and grey. 5-core, green/yellow, blue, brown, black and grey |
| Sheath: | Thermosetting PCP (Polychloroprene) sheathing Type EM2, Black |

Electrical Characteristics:

Rated Voltage 450/750V
Rated Temperature 60 °C

Physical Characteristics:

| Conductor Size (mm ²) | Nom cable diameter /mm | Max. Conductor DC Resistance at 20°C (Ω/Km) |
|-----------------------------------|------------------------|---|
| 2 x 1.0 | 8.9 | 19.5 |
| 2 x 1.5 | 9.7 | 13.3 |
| 3 x 1.5 | 10.5 | 13.3 |
| 3 x 2.5 | 12.4 | 7.98 |
| 4 x 2.5 | 13.8 | 7.98 |
| 4 x 4 | 16.0 | 4.95 |

Fire performance IEC 60332-1-2
Bend radius Fixed: 4 x OD Flexed: 6 x OD