

H03RR-F Cable



Eland Product Group: B5I

APPLICATION

H03RR-F cables are small sized copper cables for use in fixed and mobile equipment connections in offices and kitchens. Suitable for use indoors, in temporary outdoor installations, and in dry, wet and contained explosive atmospheres environments. Not suitable for permanent outdoor use or in agricultural and industrial workshops.

CHARACTERISTICS

Voltage Rating

300V

Temperature Rating

Maximum conductor operating temperature: 60°C
Maximum conductor short-circuit temperature: 200°C
Minimum installation temperature: -25°C

CONSTRUCTION

Conductor

Class 6 extra flexible fine stranded copper

Separator

Tape

Insulation

EPR (Ethylene Propylene Rubber) EI4

Sheath

Rubber EM3

Sheath Colour

● Black

STANDARDS

EN 50525-1/2-22, DIN VDE 0282-1/14, BS 7919, HD 308, IEC 60245-1/2/4, HD 516, DIN VDE 0298-4/300, EN 50395, EN 50396, EN/IEC 60228, HD 383, DIN VDE 0295, HD 516 T7c

Flame retardant according to EN/IEC 60332-1-2,
Ozone resistant

THE CABLE LAB[®]

AN ISO/IEC 17025 AND IECEE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.



SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: www.elandcables.com/company/about-us/esg-sustainability



REGULATORY COMPLIANCE

This cable is compliant with European Regulation EN 50575, the Construction Products Regulation.



This cable meets the requirements of the Low Voltage Directive 2014/35/EU, the RoHS Directive 2015/863/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab[®].





DIMENSIONS

| ELAND PART NO. | NUMBER OF CORES | NOMINAL CROSS SECTIONAL AREA mm ² | NOMINAL MINIMUM OUTER DIAMETER mm | NOMINAL MAXIMUM OUTER DIAMETER mm | NOMINAL CABLE WEIGHT kg/km |
|----------------|-----------------|-------------------------------------------------|-----------------------------------------|-----------------------------------------|----------------------------------|
| B5I0200075BK | 2 | 0.75 | 5.7 | 7.4 | 60 |
| B5I020010BK | 2 | 1 | 5.9 | 7.8 | 72 |
| B5I020015BK | 2 | 1.5 | 6.8 | 8.9 | 98 |
| B5I0300075BK | 3 | 0.75 | 6.0 | 7.9 | 74 |
| B5I030010BK | 3 | 1 | 6.3 | 8.3 | 85 |
| B5I030015BK | 3 | 1.5 | 7.2 | 9.4 | 120 |

ELECTRICAL CHARACTERISTICS

| NOMINAL CROSS SECTIONAL AREA mm ² | CONDUCTOR RESISTANCE ohm/km |
|-------------------------------------------------|--------------------------------|
| 0.75 | 26 |
| 1 | 19.5 |
| 1.5 | 13.3 |

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.