H05RN-F Flexible Rubber Cable

Eland Product Group: B4G

APPLICATION
For general use in domestic premises, kitchens, offices and industrial equipment where the cables are subjected to low mechanical stress. Suitable for dry, damp and wet installations, including temporary outdoor power. Supply of electricity and communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire.

CHARACTERISTICS

Voltage Rating U/Uo
300/500V

Temperature Rating
Operating: -40°C to +60°C
Minimum installation and use temperature: -25°C
Maximum temperature of short circuit: +200°C

Minimum Bending Radius
Fixed: 4 x overall diameter
Mobile: 6 x overall diameter

CONSTRUCTION

Conductor
Class 5 flexible copper conductor

Insulation
EPR (Ethylene Propylene Rubber) E14

Sheath
PCP (Polychloroprene) EM2

Core Identification
2 core: Blue Brown
3 core: Green/Yellow Blue Brown
4 core: Green/Yellow Brown Black Grey

Sheath Colour
Black

STANDARDS

ISO/IEC 17025 LABORATORY TESTED
This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.

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 and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.
### DIMENSIONS

<table>
<thead>
<tr>
<th>ELAND PART NO.</th>
<th>NO. OF CORES</th>
<th>NOMINAL CROSS SECTIONAL AREA mm²</th>
<th>MAXIMUM CONDUCTOR DIAMETER mm</th>
<th>NOMINAL THICKNESS OF INSULATION mm</th>
<th>NOMINAL OVERALL DIAMETER mm</th>
<th>NOMINAL WEIGHT kg/km</th>
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### ELECTRICAL CHARACTERISTICS

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<tr>
<th>NOMINAL CROSS SECTIONAL AREA mm²</th>
<th>ELECTRIC RESISTANCE AT 20°C Ohm/km</th>
<th>CURRENT CARRYING CAPACITIES IN AIR 30°C (A)</th>
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