

# H05RNH2-F Flat Light-Chain Cable



Eland Product Group: B5H

## APPLICATION

H05RNH2-F flat cable is suitable for dry and wet rooms as well as outdoors for temporary installations. The cables are intended for use as decorative chains and with designated lampholders

## CHARACTERISTICS

### Nominal Voltage

300/500V

### Temperature Range

Fixed: -25°C to + 60°C

## CONSTRUCTION

### Conductor

Class 5 Flexible, Bare Copper

### Insulation

Rubber (EPR) EI4

### Sheath

Rubber (CR) EM2

### Sheath Colour

● Green ● Black

## STANDARDS

EN 50525-2-82, VDE 0293 (HD308)

Flame retardant to: IEC/EN 60332-1-2

## THE CABLE LAB<sup>®</sup>

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](https://www.elandcables.com/company/about-us/esg-sustainability)



SCIENCE  
BASED  
TARGETS

BUSINESS  
AMBIITION FOR 1.5°C



## REGULATORY COMPLIANCE

This cable meets the requirements of the Low Voltage Directive 2014/35/EU, the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab<sup>®</sup>.



## DIMENSIONS

| ELAND PART NO. | NUMBER OF CORES | NOMINAL CROSS SECTIONAL AREA<br>mm <sup>2</sup> | NOMINAL WIDTH OF FLAT CABLE<br>mm | NOMINAL HEIGHT OF FLAT CABLE<br>mm | NOMINAL CABLE WEIGHT<br>kg/km |
|----------------|-----------------|-------------------------------------------------|-----------------------------------|------------------------------------|-------------------------------|
| B5H020015**    | 2               | 1.5                                             | 14                                | 6                                  | 145                           |
| B5H020025**    | 2               | 2.5                                             | 14                                | 6                                  | 195                           |

\* Designates the sheath colour. For each Eland Cables part number replace with the colour code - GN (Green) or BK (Black)

## ELECTRICAL CHARACTERISTICS

| NOMINAL CROSS SECTIONAL AREA<br>mm <sup>2</sup> | CONDUCTOR RESISTANCE<br>ohm/km |
|-------------------------------------------------|--------------------------------|
| 1.5                                             | 13.3                           |
| 2.5                                             | 7.41                           |

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.