



H05BN4-F Cable



Eland Product Group: B5T

APPLICATION

Flexible rubber cable with high temperature resistance suitable for installation in domestic premises, kitchens and offices, for power to ordinary duty applications and supplying appliances subject to low mechanical stresses (vacuum cleaners, cooking appliances, domestic portable tools, hand held inspection lamps). The outdoor use, also in places with presence of water (AD2 condition), is allowed for short duration.

CHARACTERISTICS

Voltage Rating

300/500V

Test Voltage

2000V

Temperature Rating

Fixed: -40°C to +90°C

Minimum Bending Radius

6x outer diameter

CONSTRUCTION

Conductor

Class 5 flexible stranded Copper

Insulation

EPR (Ethylene Propylene Rubber)

Outer Sheath

HOFR CSP (Heat and Oil Resistant and Flame Retardant Chlorosulphonated Polyethylene)

Sheath Colour

● Black

DIMENSIONS

ELAND PART NO.	NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL SHEATH THICKNESS mm	NOMINAL OUTER DIAMETER mm
B5T0200075	2	0.75	0.80	6.1
B5T020010	2	1	0.90	6.6
B5T0300075	3	0.75	0.90	6.7
B5T030010	3	1	0.90	7.0
B5T0400075	4	0.75	0.90	7.2
B5T040010	4	1	0.90	7.8

STANDARDS

EN 50525-2-21, HD22.12, EN 60228, CEI 20-19 part 12

Flame Retardant to IEC/EN 60332-1-2

Oil resistant to IEC/EN 50363-2-1

THE CABLE LAB[®]

AN ISO/IEC 17025 AND IECCE 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 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab[®].





ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL CONDUCTOR STRANDING No x mm ²	NOMINAL ELECTRICAL RESISTANCE ohm/Km	NOMINAL DIAMETER ON ISULATION mm	RADIAL THICKNESS OF INSULATION mm
0.75	24 x 0.193	≤ 26.0	2.33	≥ 0.60
1	32 x 0.193	≤ 19.5	2.47	≥ 0.60

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.