

## 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 <sup>2</sup>	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

### 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™.





## ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	NOMINAL CONDUCTOR STRANDING No x mm <sup>2</sup>	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.