

## H05BQ-F Cable



Eland Product Group: A8Q

### APPLICATION

For use in domestic premises, kitchen and offices. for ordinary duty applications and supplying appliances where cables are subject to low mechanical stresses (e.g. vacuum cleaners, cooking appliances, soldering irons, toasters, domestic portable tools and hand held inspection lamps). Use outdoors for temporary periods of short duration.

### CHARACTERISTICS

**Voltage Rating** Uo/U  
300/500V

**Test Voltage**  
2.5kV

**Temperature Rating**  
Operating: -40°C to +90°C  
Maximum Short Circuit Temperature: 250°C (Max. 5 seconds)

**Minimum Bending Radius**  
5 x overall diameter

### CONSTRUCTION

**Conductor**  
Class 5 Flexible Copper Conductor

**Insulation**  
Cross linked EPR (Ethylene propylene)

**Outer Sheath**  
PUR (Polyurethan)

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

**Sheath Colour**  
● Orange

### STANDARDS

EN 50363-1, EN 50363-10-2, EN 50525-2-21, EN 60228

### 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

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	NOMINAL OVERALL DIAMETER mm
A8Q0200005OR	2	0.50	6
A8Q0200075OR	2	0.75	6.4
A8Q0200100R	2	1	7.2
A8Q0300005OR	3	0.50	6.4
A8Q0300075OR	3	0.75	7
A8Q0300100R	3	1	7.6
A8Q0400005OR	4	0.50	7
A8Q0400100R	4	0.75	7.6
A8Q0500005OR	5	0.50	7.7
A8Q0500075OR	5	0.75	8.5
A8Q0500100R	5	1	9

## ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	RESISTANCE AT 20°C Ohms/km
0.50	39
0.75	26
1	19.5

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.