

H05BB-F 300/500V Cable



Eland Product Group: B5B

APPLICATION

H05BB-F cables for fixed and mobile equipment connections rated 300/500V in offices and kitchen settings. Suitable for use indoors, temporarily outdoors, in wet, dry and contained explosive environments where the application is not under mechanical stress.

CHARACTERISTICS

Voltage Rating
300/500V

Temperature Rating
-25°C to +90°C

Maximum conductor short-circuit temperature: 250°C

CONSTRUCTION

Conductor
Class 5 flexible stranded Copper

Insulation
EPDM (Ethylene Propylene Diene Monomer) EI6 Type

Sheath
CPE Rubber (Chlorinated Polyethylene) EM7 Type

Sheath Colour
● Black

STANDARDS

EN 50525-1, EN 50525-2-21 BS 7919, IEC/EN 60228, IEC 60245-1/2/4, DIN VDE 0282-1/12, DIN VDE 0295, DIN VDE 0298-4/300, EN 50395, EN 50396, HD 22.1/12, HD 308, HD 383, HD 516 Tab.7c,

Flame Retardant to IEC/EN 60332-1-2

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.	NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL MINIMUM OUTER DIAMETER mm	NOMINAL MAXIMUM OUTER DIAMETER mm	NOMINAL CABLE WEIGHT kg/km
B5B0200075BK	2	0.75	5.7	7.4	58
B5B020010BK	2	1	6.1	8	71
B5B020015BK	2	1.5	7.6	9.8	105
B5B020025BK	2	2.5	9	11.6	185
B5B020040BK	2	4	10.6	13.7	218
B5B0300075BK	3	0.75	6.2	8.1	74
B5B030010BK	3	1	6.5	8.5	85
B5B030015BK	3	1.5	8	10.4	125
B5B030025BK	3	2.5	9.6	12.4	180
B5B030040BK	3	4	11.3	14.5	262
B5B030060BK	3	6	12.8	16.3	348
B5B0400075BK	4	0.75	6.8	8.8	78
B5B040010BK	4	1	7.1	9.3	103
B5B040015BK	4	1.5	9	11.6	160
B5B040025BK	4	2.5	10.7	13.8	228
B5B040040BK	4	4	12.7	16.2	335
B5B040060BK	4	6	14.2	18.1	404
B5B0500075BK	5	0.75	7.6	9.9	99
B5B050010BK	5	1	8	10.3	134
B5B050015BK	5	1.5	9.8	12.7	180
B5B050025BK	5	2.5	11.9	15.3	278
B5B050040BK	5	4	14.6	18.6	430

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.