



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

DIMENSIONS

NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL MINIMUM OUTER DIAMETER mm	NOMINAL MAXIMUM OUTER DIAMETER mm	NOMINAL CABLE WEIGHT kg/km
2	0.75	5.7	7.4	58
2	1	6.1	8	71
2	1.5	7.6	9.8	105
2	2.5	9	11.6	185
2	4	10.6	13.7	218
3	0.75	6.2	8.1	74
3	1	6.5	8.5	85
3	1.5	8	10.4	125
3	2.5	9.6	12.4	180
3	4	11.3	14.5	262
3	6	12.8	16.3	348
4	0.75	6.8	8.8	78

4	1	7.1	9.3	103
4	1.5	9	11.6	160
4	2.5	10.7	13.8	228
4	4	12.7	16.2	335
4	6	14.2	18.1	404
5	0.75	7.6	9.9	99
5	1	8	10.3	134
5	1.5	9.8	12.7	180
5	2.5	11.9	15.3	278
5	4	14.6	18.6	430