



HO5Z1Z1-F Cable

APPLICATIONS:

Halogen-free and flame retardant flexible cable for appliances, devices and lamps as well as for internal wiring. Not suitable for outdoor application.

STANDARDS:

These cables are produced based on BS EN 50525-3-11:2011.

CONSTRUCTION:

Conductor

Class 5 flexible copper conductor

Insulation

LSZH (Low Smoke Zero Halogen) Type TI6

Sheath

LSZH (Low Smoke Zero Halogen) Type TM7

Core Identification

2 Core: Blue Brown

3 core: Blue Brown Green/Yellow

4 core: Brown Black Grey Green/Yellow

5 core: Brown Black Grey Blue Green/Yellow

Outer Sheath Colour

White Black

CHARACTERISTIC:

Voltage Rating

300/500V

Temperature Rating

-5°C to +70°C

Minimum Bending Radius

5 x overall diameter



TECHNICAL FEATURES:

NOMINAL CROSS SECTION (mm ²)	NOMINAL OVERALL DIAMETER (mm)	CU FACTOR	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C (Ohm/km)	CURRENT CARRYING CAPACITY (On Surface)	NOMINAL WEIGHT (Kg/km)
2 x 0,75	6,40	13	26,0	6	57
2 x 1	6,70	17	19,5	10	65
2 x 1,5	7,50	25	13,3	16	85
2 x 2,5	9,30	40	7,98	25	130
2 x 4	10,80	66	4,95	32	181
3 x 0,75	6,70	19	26,0	6	66
3 x 1	7,10	26	19,5	10	78
3 x 1,5	8,20	36	13,3	16	105
3 x 2,5	10,10	61	7,98	25	161
3 x 4	11,70	97	4,95	32	227
4 x 0,75	7,30	25	26,0	6	82
4 x 1	8,10	34	19,5	10	101
4 x 1,5	9,00	48	13,3	16	125
4 x 2,5	10,70	81	7,98	25	203
4 x 4	12,80	131	4,95	32	276
5 x 0,75	8,30	32	26,0	6	103
5 x 1	8,70	43	19,5	10	119
5 x 1,5	10,20	61	13,3	16	166
5 x 2,5	12,00	101	7,98	25	251
5 x 4	14,90	162	4,95	32	361

*The tolerance for Overall Diameter – eg +/- 5%

Declared of Performance: **Dca** (EN 50575:2014/A1:2016)