

H05VV-F (318-Y) BS EN 50525-2-11
H05VV-F (3184-Y) 4 core x 0.75mm

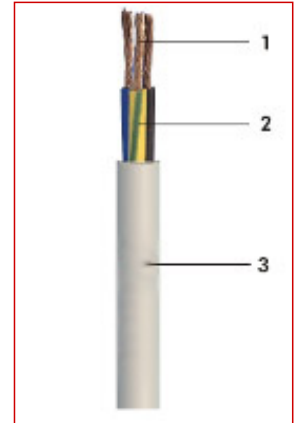
PVC Insulated Building Wires

Description

Ordinary duty PVC insulated, harmonized flexible cable for internal use, ideal for domestic appliances such as washing machines, tumble dryers etc. Not suitable for outdoor use. Black or white outer sheath.

Construction:

1. Conductor: Stranded Class 5 copper
2. Insulation: PVC to BS6755
3. Outer Sheath: PVC to BS6755



Standards

International HD 21.5
National BS EN 50525-2-11



Rated Voltage Uo/U
(Um)
300 / 500 V



Cable flexibility
Flexible



Mechanical resistance to
impacts
Low



Bending factor
installed
6 (xD)



Maximum operating
temperature
70 °C



Flame retardant
IEC 60332-1

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Characteristics

Construction characteristics	
Type of conductor	Circular, stranded
Outer sheath	PVC
Material	PVC
Core identification	Brown, Black, Grey + Green/Yellow
Number of conductors	4
Dimensional characteristics	
Conductor diameter	0.75 mm
Electrical characteristics	
Rated Voltage U ₀ /U (U _m)	300 / 500 V
Mechanical characteristics	
Cable flexibility	Flexible
Mechanical resistance to impacts	Low
Usage characteristics	
Bending factor when installed	6 (xD)
Maximum operating temperature	70 °C
Short-circuit max. conductor temperature	160 °C
Flame retardant	IEC 60332-1

Technical Product Details

No. cores x nominal cross section mm ²	Core Colour *	Thickness insulation mm	Thickness outer sheath mm	Diameter of outer sheath mm	Max. resistance Ω/km	Average weight kg/km	Carrying capacity A	Availability *
2 x 0.75	blue/brown	0.6	0.8	6	26	51.27	6	In stock
2 x 1	blue/brown	0.6	0.8	6.6	19.5	63.23	10	POA
2 x 1.5	blue/brown	0.7	0.8	7.2	13.3	78.57	16	POA
2 x 2.5	blue/brown	0.8	1	8.8	7.98	120.7	20	POA
2 x 4	blue/brown	0.8	1.1	10.2	4.95	171.5	25	POA
3 x 0.75	Yellow & Green/Blue/Brown	0.6	0.8	6.35	26	61.27	6	In stock
3 x 1	Yellow & Green/Blue/Brown	0.6	0.9	7.20	19.5	79.46	10	In stock
3 x 1.5	Yellow & Green/Blue/Brown	0.7	1	8.05	13.3	103.0	16	In stock
3 x 2.5	Yellow & Green/Blue/Brown	0.8	1.1	9.54	7.98	152.5	20	In stock
3 x 4	Yellow & Green/Blue/Brown	0.8	1.2	11.04	4.95	216.7	25	POA
4 x 0.75	Yellow & Green/Brown/Black/Grey	0.6	0.8	6.902	26	74.68	6	In stock


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(U_m)
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4 x 1	Yellow & Green/Brown/Black/Grey	0.6	0.9	7.825	19.5	96.97	10	In stock
4 x 1.5	Yellow & Green/Brown/Black/Grey	0.7	1	8.748	13.3	126.2	16	In stock
4 x 2.5	Yellow & Green/Brown/Black/Grey	0.8	1.1	10.394	7.98	188.1	20	POA
4 x 4	Yellow & Green/Brown/Black/Grey	0.8	1.2	12.04	4.95	269.0	25	POA
5 x 0.75	Yellow & Green/Blue/Brown/Black/Gr	0.6	0.9	7.74	26	93.76	6	In stock
5 x 1	Yellow & Green/Blue/Brown/Black/Gr	0.6	0.9	8.55	19.5	117.3	10	In stock
5 x 1.5	Yellow & Green/Blue/Brown/Black/Gr	0.7	1.1	9.76	13.3	157.3	16	POA
5 x 2.5	Yellow & Green/Blue/Brown/Black/Gr	0.8	1.2	11.58	7.98	234.1	20	POA
5 x 4	Yellow & Green/Blue/Brown/Black/Gr	0.8	1.4	13.6	4.95	340.6	25	POA



Rated Voltage Uo/U
(Um)
300 / 500 V



Cable flexibility
Flexible



Mechanical resistance to
impacts
Low



Bending factor
installed
6 (xD)



Maximum operating
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70 °C



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