

318

HO5VV-F (3183-Y) 3 core x 2.5mm

Contact

Cables for General Construction Market
(Building)
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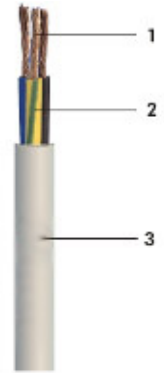
PVC Insulated Building Wires

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

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

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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	3

Dimensional characteristics

Conductor diameter	2.5 mm
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Electrical characteristics

Rated Voltage U _o /U (Um)	300 / 500 V
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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	Thickness	Diameter mm	Max. resistance Ω/km	Average weight kg/km	Carrying capacity A	Availability *
		insulation mm	outer sheath mm					
2 x 0.75	blue/brown	0.6	0.8	6	26	51.2	6	In stock
2 x 1	blue/brown	0.6	0.8	6.6	19.5	63.2	10	POA
2 x 1.5	blue/brown	0.7	0.8	7.2	13.3	78.5	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	61.2	6	In stock
3 x 1	Yellow & Green/Blue/Brown	0.6	0.9	7.20	19.5	79.4	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	74.6	6	In stock
4 x 1	Yellow & Green/Brown/Black/Grey	0.6	0.9	7.825	19.5	96.9	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	93.7	6	In stock

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5 x 1	Yellow & Green/Blue/Brown/Black/Gr	0.6	0.9	8.55	19.5	117.	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.	20	POA
5 x 4	Yellow & Green/Blue/Brown/Black/Gr	0.8	1.4	13.6	4.95	340.6	25	POA