

Flexible PVC Cable Range

318-Y (H05VV-F Cable)

Insulated & Sheathed Flexible Cables

(Complies with BS 50525-2-11)



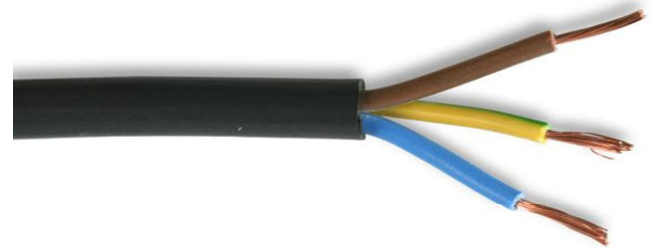
Class 5 Flexible Copper / PVC Insulation / PVC Sheath

Application

Ordinary duty PVC cable for use in domestic appliances, kitchens and offices.
For use with light portable appliances such as table lamps and office equipment.

Cable Description

Class 5 flexible copper conductor,
PVC insulation, UV Resistant PVC outer sheath.



Insulation Colours

2 Core - Blue, Brown,

3 Core - Green/Yellow, Blue, Brown

4 Core - Green/Yellow, Brown, Black, Grey

5 Core - Green/Yellow, Brown, Black, Grey, Blue

Sheath Colours

Grey, Black (UV Resistant), Other colors available upon request

Physical characteristics

No of Cores	Conductor Class	Nominal Cross-Sectional Area (mm ²)	Nominal Insulation Thickness (mm)	Nominal Sheath Thickness (mm)	Nominal Overall Diameter (mm)	Maximum Conductor Resistance at 20°C (ohms/km)	Approx. Weight of Cable (kg/km)
2	5 (24/0.20)	0.75	0.60	0.80	6.50	26.00	50.00
2	5 (32/0.20)	1.00	0.60	0.80	6.80	19.50	60.00
2	5 (30/0.25)	1.50	0.70	0.80	7.80	13.30	80.00
2	5 (50/0.25)	2.50	0.80	1.00	9.30	7.98	120.00
2	5 (56/0.30)	4.00	0.80	1.10	10.50	4.95	160.00
3	5 (24/0.20)	0.75	0.60	0.80	6.80	26.00	60.00
3	5 (32/0.20)	1.00	0.60	0.80	7.10	19.50	70.00
3	5 (30/0.25)	1.50	0.70	0.90	8.30	13.30	98.00
3	5 (50/0.25)	2.50	0.80	1.10	10.50	7.98	150.00
3	5 (56/0.30)	4.00	0.80	1.20	11.50	4.95	200.00
4	5 (24/0.20)	0.75	0.60	0.80	7.60	26.00	72.00
4	5 (32/0.20)	1.00	0.60	0.90	8.20	19.50	88.00
4	5 (30/0.25)	1.50	0.70	1.00	9.60	13.30	120.00
4	5 (50/0.25)	2.50	0.80	1.10	11.40	7.98	180.00
4	5 (56/0.30)	4.00	0.80	1.20	12.50	4.95	265.00
5	5 (24/0.20)	0.75	0.60	0.90	8.60	26.00	90.00

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5	5 (32/0.20)	1.00	0.60	0.90	9.40	19.50	105.00
5	5 (30/0.25)	1.50	0.70	1.10	10.60	13.30	150.00
5	5 (50/0.25)	2.50	0.80	1.20	12.50	7.98	225.00
5	5 (56/0.30)	4.00	0.80	1.40	15.00	4.95	330.00

Mechanical characteristics

Characteristic	Unit	Value
Operating Temperature Range	°C	70
Minimum Bend Radius	Diameter	8D

Electrical characteristics at 20°C

Characteristic	Unit	Value
Voltage Rating U ₀ /U	V	300/500
Current Rating Table	-	4F3A