

309*Y H05V2V2-F Technical Data Sheet



Rated Voltage	Max. Operating Temperature
300/500V	+90°C

<u>Conductor:</u>	Class 5 flexible copper conductor to EN 60228
<u>Insulation:</u>	PVC Type TI3
<u>Sheath:</u>	PVC Type TM3
<u>Core identification:</u>	2 cores: Blue, Brown 3 cores: Blue, Brown, Green/Yellow 4 cores: Grey, Brown, Green/Yellow, Black 5 cores: Grey, Brown, Green/Yellow, Black, Blue
<u>Application:</u>	An internal wiring cable particularly used in high temperature zones, unsuitable for outdoor use.
<u>Standards :</u>	EN 50525-2-11

Size (mm)	Insulation Thickness (mm)	Sheathed Thickness (mm)	Mean Overall Diameter (mm)	Conductor Resistance (Ohm/km)	Approximate Weight (kg/km)
2 x 0.75	0.60	0.80	6.40	26	59
2 x 1	0.60	0.80	6.70	19.5	68
2 x 1.5	0.70	0.80	7.50	13.3	85
2 x 2.5	0.80	1.00	9.30	7.98	132
2 x 4	0.80	1.10	10.80	4.95	180
3 x 0.75	0.60	0.80	6.70	26	68
3 x 1	0.60	0.80	7.10	19.50	78
3 x 1.5	0.70	0.90	8.20	13.3	106
3 x 2.5	0.80	1.10	10.10	7.98	162
3 x 4	0.80	1.20	11.70	4.95	230
4 x 0.75	0.60	0.80	7.30	26	81
4 x 1	0.60	0.90	8.10	19.5	101
4 x 1.5	0.70	1.00	9.00	13.3	132
4 x 2.5	0.80	1.10	10.70	7.98	202
4 x 4	0.80	1.20	12.80	4.95	270
5 x 0.75	0.60	0.90	8.30	26	102