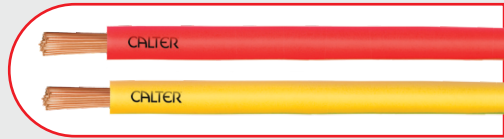


Heat Resistant PVC Insulated Panel Wires



Application

These cables are intended for use in fixed installations such as power, lighting, appliances and switchgear & control panel wiring.

Harmonised Code

- 0,5 sq mm to 1,0 sq mm wire
- 1,5 sq mm & 300 sq mm stranded conductor wire

H05V2-K
H07V2-K

Construction

Reference: 2491 X HR
Conductor: Flexible plain copper class 5 to BS: 6360
(Tinned copper conductor available on request)
Insulation: PVC Type TI 3 to BS7655

Standard Colors

Color : Red, yellow, blue, black, green, yellow/green, grey, white, orange, brown, violet, pink, turquoise,
other colors available on request

Technical Data

Max. Operating Temperature : 105°C
Rated Voltage : 600/1000V
Standards : BS: 6231

Nominal Cross Sectional area SQ MM	Conductor			Radial Thickness of Insulation	Approx Overall Diameter mm	Approx Net Weight Kg/Km	Current carrying capacity (A)
	Number of strands	Diameter of strand	Conductor DC Resistance at 20°C max ohm/km				
0.50	16.00	0.20	39.00	0.80	2.60	11.30	5
0.75	24.00	0.20	26.00	0.80	2.80	14.00	8
1.00	32.00	0.20	19.50	0.80	2.90	17.00	12
1.50	30.00	0.25	13.30	0.80	3.20	21.50	16
2.50	50.00	0.25	7.98	0.80	3.60	32.00	22
4.00	56.00	0.30	4.95	0.80	4.20	50.00	29
6.00	84.00	0.30	3.30	0.80	4.80	72.00	37
10.0	80.0	0.4	1.91	1.00	6.50	112.00	46
16.0	126.0	0.4	1.24	1.00	7.50	167.00	62
25.0	196.0	0.4	0.780	1.20	9.20	257.00	80
35.0	276.0	0.4	0.554	1.20	11.00	352.00	102
50.0	396.0	0.4	0.386	1.40	12.20	502.00	138
70.0	360.0	0.5	0.272	1.40	13.80	709.00	214
95.0	484.0	0.5	0.206	1.60	16.00	950.00	260
120.0	608.0	0.5	0.161	1.60	17.50	1200.00	305
150.0	750.0	0.5	0.129	1.80	19.50	1470.00	355
185.0	925.0	0.5	0.106	2.00	21.50	1825.00	415
240.0	1200.0	0.5	0.0801	2.20	24.50	2350.00	500