

## FLEXIBLE PVC SINGLE CORE PANEL WIRE SPECIFICATION: GENERALLY TO BS 6231 (\*TRI-RATED CABLE)



### Construction

1	Conductor	Plain annealed flexible copper class 5 as per IEC 60228.
2	Insulation	PVC rated 105°C.
3	Available Colors	Red, Yellow, Blue, Black, Brown, White, Yellow/Green, Grey & Green
4	Printing text	TOPEX CABLE 1.5 SQ MM 105°C 600/1000V BS 6231 MADE IN INDIA

### Technical data

1	Temperature Range	-15°C to 105°C
2	Voltage Rating	600/1000 V

### Dimensional data

SL. NO.	SIZE (mm <sup>2</sup> )	INSULATION THICKNESS (mm)	APPROX. OVERALL DIA. (mm)	APPROX. WEIGHT (kg/km)	CONDUCTOR RESISTANCE (Ω/km)	VOLTAGE DROP (V/A/km)
1	0.5	0.8	2.50	10.5	39.0	86.46
2	0.75	0.8	2.66	12.7	26.0	57.64
3	1.0	0.8	2.82	15.2	19.5	43.23
4	1.5	0.85	3.16	20.2	13.3	29.49
5	2.5	0.85	3.59	29.4	7.98	17.69
6	4	0.9	4.19	43.5	4.95	10.98
7	6	0.95	4.82	61.6	3.30	7.32
8	10	1.1	5.97	99.2	1.91	4.24
9	16	1	7.16	146.7	1.21	2.69
10	25	1.2	9.2	228.4	0.780	1.73
11	35	1.2	10.46	310.5	0.554	1.23
12	50	1.4	12.46	443.5	0.386	0.87
13	70	1.4	14.28	608.3	0.272	0.62
14	95	1.6	16.21	793.3	0.206	0.47

### Notes:

**Packing:** - Packing is available in Coil/Reel/Drum with meters/Yards/Feet. Other lengths are available upon request. (Minimum order quantities applicable)

**Special Features:** - TYPE CK cables are also known as TRI-RATED cables, according to UL\CSA standards.