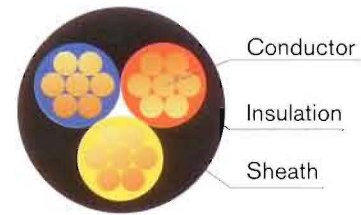


## NYY Multicores

## Stranded Copper Conductor PVC Insulated, 450/750 V

For indoor fixed installation in protected location, lighting, power wirings and home appliances

Type	: Cu/PVC/PVC
Code	: 60227 IEC 10
Standards	: IEC 60227
Nominal Voltage	: 300/500 Volt
Conductor	: Soft annealed stranded wires complying with Class 2 as per IEC 60228
Insulation	: PVC compound complying with PVC/C as per IEC
Sheath	: PVC compound complying with PVC/ST4 as per IEC
Temperature Range	: up to 70°C
Core Identification	: Blue, Red, Black, Yellow, Green/Yellow, Brown, Grey, White and others
Packing	: Plastic spools-coils or shrink wrap or non returnable wood drums as per customer requirement



### Technical Table

Nominal Cross Section	Conductor Number x wire diameter	Conductor Outer Diameter (Approx)	Nominal Insulation Thickness	Nominal Sheath Thickness	Overall Diameter (Approx)	Cable Weight (Approx)	Max. DC Resistance at 20_ C
mm <sup>2</sup>		mm	mm	mm	mm	kg/Km	Ω/Km
2 x 1.5	7 x 0.53	1.59	0.7	1.2	9.2	104	12.1
2 x 2.5	7 x 0.67	2.01	0.8	1.2	10.5	137	7.41
2 x 4	7 x 0.85	2.55	0.8	1.2	11.5	178	4.61
2 x 6	7 x 1.04	3.12	0.8	1.2	12.7	228	3.08
2 x 10	7 x 1.34	4.02	1.0	1.4	16.1	371	1.83
3 x 1.5	7 x 0.53	1.59	0.7	1.2	9.7	129	12.1
3 x 2.5	7 x 0.67	2.01	0.8	1.2	11	175	7.41
3 x 4	7 x 0.85	2.55	0.8	1.2	12.2	233	4.61
3 x 6	7 x 1.04	3.12	0.8	1.2	13.4	305	3.08
3 x 10	7 x 1.34	4.02	1.0	1.4	17.1	497	1.83
4 x 1.5	7 x 0.53	1.59	0.7	1.2	10.5	157	12.1
4 x 2.5	7 x 0.67	2.01	0.8	1.2	12	216	7.41
4 x 4	7 x 0.85	2.55	0.8	1.2	13.3	291	4.61
4 x 6	7 x 1.04	3.12	0.8	1.2	14.7	386	3.08
4 x 10	7 x 1.34	4.02	1.0	1.4	18.6	629	1.83
5 x 1.5	7 x 0.53	1.59	0.7	1.2	11.3	186	12.1
5 x 2.5	7 x 0.67	2.01	0.8	1.2	13	258	7.41
5 x 4	7 x 0.85	2.55	0.8	1.2	14.5	350	4.61
5 x 6	7 x 1.04	3.12	0.8	1.2	16	467	3.08
5 x 10	7 x 1.34	4.02	1.0	1.4	20.3	763	1.83

**Note:** Low smoke cables are also available and complying with BS 7211

**Note:** Cables of Copper conductor, XLPE Insulated, PVC sheathed with single, two, three and four cores are also available with rated voltage up to 0.6/1 KV and complying with IEC 60502-1