



Code

6241 Y , 6242 Y , 6243 Y CU/PVC/PVC

Voltage Rating

300/500 V

Standards

BS 6004

IEC 60228

Conductor

Reaction to Fire Classification (CPR)

EN 60332-1-2

Flame Retardant

Conductor

Solid Copper Conductor (Class 1)

Stranded Copper Conductor (Class 2)

Insulation

PVC (Polyvinyl Chloride)

Filler

-

Armour

-

Sheath

PVC (Polyvinyl Chloride)

Technical Data

Max. Operating Temperature	:	70°C
Short Circuit Temperature	:	160°C (max.5 sec)
Bending Radius	:	12D (D : Overall Diameter)
Test Voltage	:	2 kV

Application

Used as surface wiring where there is little mechanical damage risk or in conduit

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity	
					In Ground at 20°C	In Air at 30°C
1x1+1	5,2 x 4,1	47,0	100	18,1 - 18,1	-	13
1x1,5+1	5,7 x 4,6	56,4	100	12,1 - 18,1	-	16

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity	
					In Ground at 20°C	In Air at 30°C
2x1+1	7,6 x 4,1	69,5	100	18,1 - 18,1	-	13
2x1,5+1	8,4 x 4,6	90,8	100	12,1 - 18,1	-	16
2x2,5+1,5	10,0 x 5,3	128,1	100	7,41 - 12,1	-	21
2x4+1,5	11,5 x 6,1	184,8	100	4,61 - 12,1	-	27
2x6+2,5	13,3 x 6,9	238,5	100	3,08 - 7,41	-	34
2x6+4	14,0 x 6,9	248,1	100	3,08 - 4,61	-	34
2x10+4	16,8 x 8,4	380,5	100	1,83 - 4,61	-	45
2x10+6	17,0 x 8,4	398,6	100	1,83 - 3,08	-	45
2x16+6	19,7 x 9,6	546,2	100	1,15 - 3,08	-	57

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity	
					In Ground at 20°C	In Air at 30°C
3x1+1	9,9 x 4,1	89,4	100	18,1 - 18,1	-	13
3x1,5+1	11,2 x 4,6	115,0	100	12,1 - 18,1	-	16
3x2,5+1	13,1 x 5,3	163,8	100	7,41 - 18,1	-	21
3x4+1,5	15,8 x 6,3	238,2	100	4,61 - 12,1	-	27
3x6+2,5	17,9 x 6,9	322,3	100	3,08 - 7,41	-	34
3x10+4	22,8 x 8,4	506,4	100	1,83 - 4,61	-	45
3x16+6	26,8 x 9,6	743,1	100	1,15 - 3,08	-	57

Note :

Current carrying capacities are valid at 30°C ambient temperature