



SINGLE CORE, PVC INSULATED NON SHEATHED CABLES FOR SWITCHGEAR & CONTROLGEAR WIRING

Type

- AU** - Tinned Copper, Rigid, Round, Solid, 70 °C, 60 V
- AK** - Flexible Tinned Copper, 70 °C, 60 V
- BR** - Rigid, Round, Stranded 70 °C, 600 / 1000 V
- BU** - Rigid, Round, Solid, 70 °C, 600 / 1000 V
- BK** - Plain or Tinned Copper, Flexible, 70 °C, 600 / 1000 V
- CR** - Rigid, Round, Stranded, Heat Resisting 85 °C, 600 / 1000 V
- CU** - Rigid, Round, Solid, Heat Resisting 85 °C, 600 / 1000 V
- CK** - Plain or Tinned Copper, Flexible, Heat Resisting 85 °C, 600 / 1000 V

Specification : BS: 6231

I Type AU - Tinned Copper, Rigid, Round, Solid, 70 °C, 60 V

Type	Cross-Sectional Area of Conductor nom. mm ²	Class of Conductor	Overall Diameter max Mm	Net Weight Approx. Kg/Km
AU	0.20	1	0.95	2
	0.28	1	1.05	3
	0.50	1	1.50	6

II Type AK - Flexible Tinned Cu 70 °C, 60 V

Type	Cross-Sectional Area of Conductor nom. mm ²	Class of Conductor	Overall Diameter max Mm	Net Weight Approx. Kg/Km
AK	0.22	5	1.05	3
	0.50	5	1.65	7
	0.75	5	2.45	12

III Type BR - Rigid, Round, Stranded 70 °C, 600 / 1000 V

Type	Cross-Sectional Area of Conductor nom. mm ²	Class of Conductor	Overall Diameter max Mm	Net Weight Approx. Kg/Km
BR	1.0	1	3.30	15
	1.5	1	3.60	20
	2.5	1	4.20	33
	4	2	4.80	48
	6	2	5.40	69
	10	2	6.80	115
	16	2	8.00	173
	25	2	9.80	270
	35	2	11.00	360
	50	2	13.00	513
	70	2	15.00	722
	95	2	17.00	997
120	2	19.00	1237	
150	2	21.00	1523	
185	2	23.50	1908	
240	2	26.50	2483	



IV Type BU - Rigid, Round, Solid, 70 °C, 600 / 1000 V

Type	Cross-Sectional Area of Conductor nom. mm ²	Class of Conductor	Overall Diameter max Mm	Net Weight Approx. Kg/Km
BU	1.0	1	3.2	16
	1.5	1	3.5	22
	2.5	1	3.9	32

V Type BK - Plain or Tinned Copper, Flexible 70 °C, 600 / 1000 V

Type	Cross-Sectional Area of Conductor nom. mm ²	Class of Conductor	Overall Diameter max Mm	Net Weight Approx. Kg/Km
BK	0.50	5	3.0	11
	0.75	5	3.2	14
	1.0	5	3.4	16
	1.5	5	3.7	21
	2.5	5	4.2	31
	4	5	4.8	48
	6	5	6.3	66
	10	5	8.0	121
	16	5	9.0	195
	25	5	11.5	301
	35	5	13.0	412
	50	5	15.0	584
	70	5	17.5	820
	95	5	19.5	1079
	120	5	21.5	1362
	150	5	24.0	1663
185	5	26.5	2047	
240	5	30.0	2716	

VI Type CR - Rigid, Round, Stranded, Heat Resisting 85 °C, 600 / 1000 V

Type	Cross-Sectional Area of Conductor nom. mm ²	Class of Conductor	Overall Diameter max Mm	Net Weight Approx. Kg/Km
CR	2.5	2	4.2	33
	4	2	4.8	48
	6	2	5.4	69
	10	2	6.8	115
	16	2	8.0	173
	25	2	9.8	270
	35	2	11.0	360
	50	2	13.0	513
	70	2	15.0	722
	95	2	17.0	997
	120	2	19.0	1237
	150	2	21.0	1523
	185	2	23.5	1908
	240	2	26.5	2483

VII Type CU - Rigid, Round, Solid, Heat Resisting 85 °C, 600 / 1000 V

Type	Cross-Sectional Area of Conductor nom. mm ²	Class of Conductor	Overall Diameter max Mm	Net Weight Approx. Kg/Km
CU	1.0	1	3.2	16
	1.5	1	3.5	22
	2.5	1	3.9	32

VIII Type CK - Plain or Tinned Copper, Flexible Heat Resisting 85 °C, 600 / 1000 V

Type	Cross-Sectional Area of Conductor nom. mm ²	Class of Conductor	Overall Diameter max Mm	Net Weight Approx. Kg/Km
CK	0.50	5	3.0	11
	0.75	5	3.2	14
	1.0	5	3.4	16
	1.5	5	3.7	21
	2.5	5	4.2	31
	4	5	4.8	48
	6	5	6.3	66
	10	5	8.0	121
	16	5	9.0	195
	25	5	11.5	301
	35	5	13.0	412
	50	5	15.0	584
	70	5	17.5	820
	95	5	19.5	1079
	120	5	21.5	1362
	150	5	24.0	1663
	185	5	26.5	2047
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