

Multi Core Flexible Copper Conductor PVC Insulated, Cores Twisted in layer, Special PVC Inner Sheathed, Tinned Copper Braiding and Special PVC Transparent Outer Sheathed (UA) Control Cable

Application

- ✓ Electrical interference fields.
- ✓ Transport and data processing systems.
- ✓ Air conditioning systems.
- ✓ Servo drives.
- ✓ Power stations.
- ✓ Plant engineering and construction.
- ✓ Fixed installations.

Features

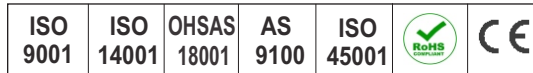
- ✓ Highly resistive to oil, chemicals, soiling and mechanical damage.
- ✓ High insulation performance.
- ✓ Lower transfer impedance
- ✓ Flame retardant.
- ✓ Transparent sheath provides excellent mechanical strength.

Product Construction

- ✓ Conductor : Finely Stranded Bare Copper Wires
- ✓ Insulation : PVC Compound
- ✓ Cores : Twisted in layer
- ✓ Inner Sheath : Special PVC Compound
- ✓ Braiding : Tinned Copper wires
- ✓ Outer Sheath : Transparent Special PVC Material
- ✓ Colored Cores

Technical Data

- ✓ Temperature Range :
Flexible applications : - 5°C to +70°C
Fixed Installation : - 40°C to +80°C
- ✓ Test Voltage : 4 kV
- ✓ Protective Conductor(PC) : G-With green/yellow PC
X-Without PC
- ✓ Bending Radius(Minimum) :
Flexing : 20 x Cable Diameter
Static : 6 x Cable Diameter
- ✓ Rated Voltage : (U₀/U)
Up to 1.0mm² : 300/500 V
From 1.5mm² : 450/750 V
From 1.5mm²(Fixed & Protected Installation) : 600/1000 V
- ✓ Specific Insulation Resistance : >20 G Ohm x cm.



Part Number	Number of Cores and mm ² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Total Weight Kg/Km approx.
6030602	2C x 0.5	7.4	41.0	88
6030603G	3 G 0.5	8.4	46.0	109
6030604G	4 G 0.5	8.9	55.0	126
6030605G	5 G 0.5	9.5	66.0	148
6030607G	7 G 0.5	10.1	80.0	162
6030802G	2C x 0.75	8.8	46.0	117
6030803G	3 G 0.75	9.2	57.0	134
6030804G	4 G 0.75	9.9	64.0	153
6030805G	5 G 0.75	10.6	77.0	179
6030807G	7 G 0.75	11.4	102.0	203
6031002	2C x 1	9.4	56.0	140
60310 03G	3 G 1	9.9	65.0	155
6031004G	4 G 1	10.6	78.0	181
6031005G	5 G 1	11.3	89.0	188
6031007G	7 G 1	12.1	113.0	231
6031302	2C x 1.5	10.2	65.0	162
6031303G	3 G 1.5	10.7	79.0	184
6031304G	4 G 1.5	11.6	97.0	223
6031305G	5 G 1.5	12.9	116.0	272
6031307G	7 G 1.5	14.2	149.0	317
6031603G	3 G 2.5	12.5	129.8	275
6031604G	4 G 2.5	13.7	167.0	329
6031605G	5 G 2.5	15.2	200.0	402
6031607G	7 G 2.5	16.5	285.4	521
6031904G	4 G 4	16.1	237.0	465
6031905G	5 G 4	17.4	321.8	586
6032304G	4 G 6	17.6	318.0	581
6032305G	5 G 6	19.0	440.1	746
6032703G	3 G 10	19.8	414.0	754
6032704G	4 G 10	21.9	558.0	954
6032705G	5 G 10	23.7	714.0	1176
6032803G	3 G 16	22.6	607.0	1021
6032804G	4 G 16	25.6	804.0	1344
6032805G	5 G 16	27.9	1050.0	1696
6033003G	3 G 25	27.7	936.0	1576
6033004G	4 G 25	30.0	1289.0	2028
6033005G	5 G 25	32.6	1446.0	2311

Part Number	Number of Cores and mm ² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Total Weight Kg/Km approx.
6033203G	3 G 35	30.3	1258.0	2003
6033204G	4 G 35	33.0	1693.0	2554
6033205G	5 G 35	36.4	1975.0	3037
6033403G	3 G 50	36.2	1748.0	2846
6033404G	4 G 50	39.4	2342.0	3607
6033704G	4 G 70	44.3	3015.0	4571
6033804G	4 G 95	50.4	4055.0	6086
6034104G	4 G 120	55.7	5225.0	7653
6034204G	4 G 150	60.6	6300.0	9145
6034404G	4 G 185	66.7	7753.0	10864



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