



Application

- ✓ Industrial environment
- ✓ Dry, damp or wet interiors.
- ✓ Outdoor uses at considerable temperature range.
- ✓ Power stations
- ✓ Air conditioning installation.
- ✓ Plant engineering and construction.
- ✓ Stage technology.

Features

- ✓ Flame retardant.
- ✓ Cold flexible PVC Compound.
- ✓ Weather proof and UV-resistant
- ✓ High insulation performance.
- ✓ Improved sliding effect.
- ✓ High flexibility(upto -30°)

Product Construction

- ✓ Conductor : Finely Stranded Bare Copper Wires
- ✓ Insulation : PVC based, cold flexible compound
- ✓ Cores : Twisted in layer
- ✓ Outer Sheath : Cold flexible PVC Material with black Color
- ✓ Colored Cores

ISO 9001	ISO 14001	AS 9100	ISO 45001
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Technical Data

- ✓ Temperature Range :
Flexible applications : - 30°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 : 15 x Cable Diameter
Static : 4 x Cable Diameter
- ✓ Rated Voltage : (U₀/U) 600/1000V
- ✓ 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	Weight Kg/Km approx.
6050602	2C x 0.5	6.5	9.6	57
6050603G	3 G 0.5	6.8	14.4	66
6050604G	4 G 0.5	7.4	19.2	80
6050605G	5 G 0.5	8.1	24.0	96
6050607G	7 G 0.5	8.8	34.0	117
6050612G	12 G 0.5	11.5	58.0	201
6051002	2C x 1	7.6	19.2	83
6051003G	3 G 1	8.1	29.0	100
60510 04G	4 G 1	8.8	38.0	122
6051005G	5 G 1	9.7	48.0	147
6051007G	7 G 1	10.5	67.0	183
6051012G	12 G 1	13.9	115.0	286
6051302	2C x 1.5	8.6	29.0	109
60513 03G	3 G 1.5	9.1	43.0	132
6051304G	4 G 1.5	10.0	58.0	163
6051305G	5 G 1.5	11.0	72.0	198
6051307G	7 G 1.5	12.0	101.0	248
6051312G	12 G 1.5	15.9	173.0	395
6051602	2C x 2.5	10.1	48.0	137
6051603G	3 G 2.5	10.7	72.0	176
6051604G	4 G 2.5	11.8	95.0	219
6051605G	5 G 2.5	12.9	120.0	265
6051607G	7 G 2.5	14.2	168.0	345
6051612G	12 G 2.5	18.8	288.0	542
6051904G	4 G 4	13.8	154.0	346
6052304G	4 G 6	15.2	230.0	442
6052704G	4 G 10	18.3	384.0	697
6052804G	4 G 16	21.1	614.0	1010
6053004G	4 G 25	25.8	960.0	1544
6053204G	4 G 35	29.0	1344.0	2048
6053404G	4 G 50	34.5	1920.0	2915
6053704G	4 G 70	39.8	2688.0	3976
6053804G	4 G 95	45.1	3648.0	5285
6054104G	4 G 120	49.9	4608.0	6573

