



Application

- ✓ Used in dry or damp interiors.
- ✓ Air conditioning systems.
- ✓ Not Suitable for direct burial.
- ✓ Used in machine tools.
- ✓ Data processing systems.

Features

- ✓ Formation of Toxic dioxins and furanes in case of fire is considerably reduced.
- ✓ Highly resistant to grease, oil and other emulsions.
- ✓ Halogen free material is recyclable
- ✓ Excellent Flame retardant.
- ✓ Excellent UV protection.
- ✓ Low Smoke Density.
- ✓ Halogen free control cable.

Product Construction

- ✓ Conductor : Finely Stranded Bare Copper Wires.
- ✓ Insulation : Halogen Free Compound.
- ✓ Inner Sheath : Grey Halogen Free Compound.
- ✓ Braiding : Tinned Copper Wire.
- ✓ Outer Sheath : Grey Halogen Free Compound.
- ✓ Cores : Black with White Numbers.

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
- ✓ Voltage for Testing : 4 kV
- ✓ Protective Conductor(PC) : G-With green/yellow PC
X-Without PC
- ✓ Bending Radius(Minimum) :
Flexing : 10 x Cable Diameter
Static : 4 x Cable Diameter
- ✓ Rated Voltage : (U₀/U) 300/500 V
- ✓ Specific Insulation Resistance : >20 G Ohm x cm.
- ✓ As per VDE 0281

Part Number	Number of Cores and mm ² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Weight Kg/Km approx.
6140602	2Cx0.5	7.01	29.10	75.84
6140603G	3G0.5	7.32	35.10	85.56
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6140604G	4G0.5	8.02	41.40	102.70
6140604	4Cx0.5	8.02	41.40	102.70
6140605G	5G0.5	8.56	48.00	117.95
6140607G	7G0.5	9.14	59.90	139.00
6140612G	12G0.5	10.88	91.40	215.91
6140802	2Cx0.75	7.83	35.40	93.71
6140803G	3G0.75	8.20	43.80	107.09
6140803	3Cx0.75	8.20	43.80	107.09
6140804G	4G0.75	8.81	52.80	125.79
6140804	4Cx0.75	8.81	52.80	125.79
6140805G	5G0.75	9.47	62.30	146.81
6140805	5Cx0.75	9.47	62.30	146.81
6140807G	7G0.75	10.17	79.50	176.14
6140807	7Cx0.75	10.17	79.50	176.14
6140812G	12G0.75	12.38	123.20	281.63
6140818G	18G0.75	14.35	188.60	399.19
6140825G	25G0.75	16.69	247.50	532.28
6141002	2Cx1	8.17	41.40	104.56
6141003G	3G1	8.57	52.10	120.56
6141003	3Cx1	8.57	52.10	120.56
6141004G	4G1	9.71	73.50	162.62
6141004	4Cx1	9.71	73.50	162.62
6141005G	5G1	9.93	83.20	174.98
6141007G	7G1	10.68	97.20	202.11
6141012G	12G1	13.49	168.70	355.16
6141018G	18G1	15.60	235.40	481.41
6141025G	25G1	17.71	312.00	625.49
6141041G	41G1	21.90	508.00	984.07
6141302	2Cx1.5	8.73	53.20	124.64
6141303G	3G1.5	9.18	69.10	146.31
6141303	3Cx1.5	9.18	69.10	146.31
6141304G	4G1.5	9.90	85.80	175.18
6141305G	5G1.5	10.68	102.80	206.90
6141307G	7G1.5	11.52	134.20	253.01
6141312G	12G1.5	14.86	232.80	453.10
6141318G	18G1.5	17.20	327.80	618.12
6141325G	25G1.5	19.99	463.20	854.16
6141603G	3G2.5	11.00	102.80	214.80



6141604G	4G2.5	11.90	129.40	259.25
6141605G	5G2.5	12.87	157.50	309.06
6141607G	7G2.5	13.90	223.00	395.84
6141612G	12G2.5	17.80	360.50	669.44
6141903G	3G4	13.27	178.00	336.09
6141904G	4G4	14.36	207.60	390.97
6141905G	5G4	15.54	251.50	465.83
6141907G	7G4	16.80	333.90	577.86
6142304G	4G6	15.79	294.80	509.62
6142305G	5G6	17.13	356.10	608.10
6142307G	7G6	18.57	479.30	765.00
6142704G	4G10	19.81	461.10	804.65
6142705G	5G10	21.52	586.60	990.06
6142804G	4G16	22.45	727.60	1148.77
6142805G	5G16	24.47	888.70	1385.32
6143004G	4G25	27.34	1123.90	1751.28
6143005G	5G25	29.83	1405.00	2145.47
6143204G	4G35	30.47	1529.20	2282.25
6143205G	5G35	33.70	1930.00	2851.60
6143404G	4G50	35.71	2162.00	3192.51
6143704G	4G70	40.60	2973.00	4264.65
6143804G	4G95	46.33	3966.00	5652.00
6144104G	4G120	50.35	5067.00	6991.42

