



Application

- ✓ To avoid electrical interference in motors run by frequency converters.
- ✓ Transport and Data processing systems.
- ✓ Air conditioning systems.

Features

- ✓ Highly resistant to oils and chemicals.
- ✓ Excellent insulation performance and flame retardant.
- ✓ Copper braiding reduces electromagnetic interference between cable and environment.
- ✓ Transfer Impedance has low value.

Product Construction

- ✓ Conductor : Finely Stranded Bare Copper Wires.
- ✓ Insulation : PVC Compound
- ✓ Inner Sheath : PVC Material and with Grey Color.
- ✓ Braiding : Tinned Copper Wire.
- ✓ Outer Sheath : Transparent PVC Material.

ISO 9001	ISO 14001	AS 9100	ISO 45001
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Technical Data

- ✓ Temperature Range : Flexible applications : - 5°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 : 20x Cable Diameter
Static : 6 x Cable Diameter
- ✓ Rated Voltage : (U₀/U) 300/500 V
- ✓ Specific Insulation Resistance : >20 G Ohm x cm.
- ✓ As per VDE 7030

Part Number	Number of Cores and mm ² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Weight Kg/Km approx.
6090602	2Cx0.5	8.11	41.04	99.62
6090603G	3G0.5	8.45	45.45	108.60
6090603	3Cx0.5	8.45	45.45	108.60
6090604G	4G0.5	9.00	54.98	126.80
6090604	4Cx0.5	9.00	54.98	126.80
6090605G	5G0.5	9.60	61.39	143.46
6090605	5Cx0.5	9.60	61.39	143.46
6090607G	7G0.5	10.24	80.52	173.47
6090607	7Cx0.5	10.24	80.52	173.47
6090612G	12G0.5	12.46	138.52	258.32
6090612	12Cx0.5	12.46	138.52	258.32
6090618G	18G0.5	14.25	170.01	326.36
6090625G	25G0.5	16.38	230.01	429.28
6090630G	30G0.5	17.25	279.37	505.32
6090640G	40G0.5	19.21	343.02	623.65
6090802	2Cx0.75	8.93	46.36	117.92
6090803G	3G0.75	9.34	57.00	134.49
6090803	3Cx0.75	9.34	57.00	134.49
6090804G	4G0.75	10.00	66.23	155.20
6090804	4Cx0.75	10.00	66.23	155.20
6090805G	5G0.75	10.71	77.44	180.05
6090805	5Cx0.75	10.71	77.44	180.05
6090807G	7G0.75	11.47	96.04	213.09
6090807	7Cx0.75	11.47	96.04	213.09
6090812G	12G0.75	14.17	168.95	319.83
6090812	12Cx0.75	14.17	169.04	319.92
6090818G	18G0.75	16.30	243.07	442.94
6090818	18Cx0.75	16.30	243.07	442.94
6090825G	25G0.75	18.84	293.04	550.38
6090834G	34G0.75	21.13	341.32	667.03
6090840G	40G0.75	21.97	388.54	755.31
6090841G	41G0.75	23.08	488.05	867.15
6091002	2Cx1	9.87	56.21	144.19
6091003G	3G1	10.14	67.72	158.47
6091003	3Cx1	10.14	67.72	158.47
6091004G	4G1	11.29	80.76	196.34
6091004	4Cx1	11.29	80.76	196.34
6091005G	5G1	12.11	94.10	227.62
6091007G	7G1	12.48	116.83	269.31
6091012G	12G1	14.67	188.12	342.07
6091016G	16G1	16.14	233.41	421.80
6091018G	18G1	16.95	274.95	481.02
6091025G	25G1	19.66	363.99	631.15



6091034G	34G1	22.37	505.00	846.35
6091041G	41G1	24.19	578.07	975.46
6091050G	50G1	26.19	687.98	1155.58
6091302	2Cx1.5	10.03	66.46	155.19
6091303G	3G1.5	10.54	82.95	179.46
6091303	3Cx1.5	10.54	82.95	179.46
6091304G	4G1.5	11.37	99.99	212.35
6091304	4Cx1.5	11.37	99.99	212.35
6091305G	5G1.5	12.26	123.02	254.52
6091305	5Cx1.5	12.26	123.02	254.52
6091307G	7G1.5	13.47	180.03	332.06
6091307	7Cx1.5	13.47	180.03	332.06
6091312G	12G1.5	16.67	279.95	473.36
6091318G	18G1.5	19.35	390.01	651.90
6091325G	25G1.5	22.54	521.09	863.22
6091334G	34G1.5	25.73	702.04	1142.19
6091341G	41G1.5	27.87	844.60	1359.05
6091350G	50G1.5	30.23	1003.78	1611.56
6091602	2Cx2.5	11.60	112.00	226.89
6091603G	3G2.5	12.22	127.10	251.97
6091604G	4G2.5	13.22	167.01	313.21
6091605G	5G2.5	14.30	200.11	372.32
6091607G	7G2.5	15.70	267.99	467.17
6091612G	12G2.5	19.67	427.38	678.58
6091902	2Cx4	12.70	135.04	271.44
6091904G	4G4	14.55	236.07	408.93
6091905G	5G4	15.78	280.00	484.36
6092302	2Cx6	14.48	194.07	373.71
6092304G	4G6	16.66	318.08	545.46
6092305G	5G6	18.61	421.08	692.48
6092307G	7G6	20.17	530.03	840.71
6092702	2Cx10	18.24	302.04	583.32
6092703	3Cx10	19.25	401.90	702.71
6092704G	4G10	20.89	558.04	908.46
6092705G	5G10	22.66	613.26	1025.79
6092707G	7G10	24.56	811.92	1280.26
6092802	2Cx16	20.42	430.25	776.44
6092804G	4G16	23.53	792.67	1220.49
6092805G	5G16	25.61	934.99	1440.73
6093004G	4G25	29.31	1160.97	1854.39
6093005G	5G25	31.91	1399.96	2218.43
6093204G	4G35	32.23	1543.13	2353.60
6093205G	5G35	35.18	1900.97	2860.44



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