



Application

- ✓ Used in dry, wet or damp interiors.
- ✓ Excellent UV protection.
- ✓ Air conditioning systems.
- ✓ Suitable for direct burial.

Features

- ✓ Highly resistant to oils and chemicals.
- ✓ Excellent insulation and flame retardant.
- ✓ Substances (like silicone) that hinder the properties of lacquer are not used.
- ✓ Excellent UV and weather Resistant

Product Construction

- ✓ Conductor : Finely Stranded Bare Copper Wires
- ✓ Insulation : PVC Compound
- ✓ Outer Sheath : Black PVC Material.

ISO 9001	ISO 14001	AS 9100	ISO 45001

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 : 15x Cable Diameter
Static : 4 x Cable Diameter
- ✓ Rated Voltage : (U_p/U) 600/1000 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.
6080802	2Cx0.75	7.48	14.42	77.09
6080803G	3G0.75	7.72	21.63	86.94
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6080804G	4G0.75	8.43	28.95	111.47
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6080805G	5G0.75	9.20	36.03	134.17
608087G	7G0.75	10.72	50.96	184.72
6080812G	12G0.75	13.21	86.02	253.93
6080818G	18G0.75	15.50	130.03	360.22
6080825G	25G0.75	18.34	180.08	452.75
6080834G	34G0.75	20.48	245.14	620.49
6080841G	41G0.75	21.75	295.90	718.43
6080850G	50G0.75	24.34	360.19	888.48
6081002	2Cx1	8.02	19.22	90.72
6081003G	3G1	8.52	29.00	108.04
6081003	3Cx1	8.52	29.00	108.04
6081004G	4G1	9.33	38.45	129.52
6081004	4Cx1	9.33	38.45	129.52
6081005G	5G1	10.20	48.06	151.13
6081007G	7G1	11.13	67.16	190.48
6081012G	12G1	14.24	115.13	284.78
6081018G	18G1	16.85	173.02	409.22
6081025G	25G1	19.96	239.86	572.34
6081034G	34G1	23.07	326.20	761.70
6081041G	41G1	25.15	394.09	893.11
6081050G	50G1	27.46	480.16	1057.21
6081302	2Cx1.5	8.98	28.86	117.60
6081303G	3G1.5	9.55	43.21	141.35
6081303	3Cx1.5	9.55	43.21	141.35
6081304G	4G1.5	10.49	58.24	169.63
6081304	4Cx1.5	10.49	58.24	171.51
6081305G	5G1.5	11.49	72.02	200.35
6081307G	7G1.5	12.87	101.01	263.39
6081312G	12G1.5	16.23	173.16	384.81
6081314G	14G1.5	17.13	202.02	438.10
6081318G	18G1.5	19.25	259.04	551.28
6081325G	25G1.5	22.84	360.10	750.11
6081334G	34G1.5	26.43	490.18	1001.55
6081350G	50G1.5	31.49	720.20	1421.40
6081602	2Cx2.5	10.30	47.96	160.88
6081603G	3G2.5	10.98	71.94	177.21
6081603	3Cx2.5	10.98	71.94	177.21
6081604G	4G2.5	12.09	95.92	223.61
6081604	4Cx2.5	12.09	95.92	223.61



6081605G	5G2.5	13.28	119.90	268.13
6081607G	7G2.5	13.95	167.86	337.93
6081612G	12G2.5	18.56	288.02	546.65
6081614G	14G2.5	19.60	336.03	629.31
6081618G	18G2.5	22.05	432.03	790.89
6081625G	25G2.5	26.20	600.05	1087.76
6081904G	4G4	13.66	154.02	323.35
6081905G	5G4	15.23	192.00	402.51
6081907G	7G4	16.50	269.04	532.14
6082304G	4G6	15.33	229.98	434.72
6082305G	5G6	16.89	288.01	534.52
6082307G	7G6	18.57	376.28	696.31
6082704G	4G10	18.42	384.20	710.87
6082705G	5G10	20.47	480.26	882.75
6082707G	7G10	22.46	672.04	1268.13
6082804G	4G16	21.26	614.18	1089.62
6082805G	5G16	23.59	768.08	1512.28
6082807G	7G16	26.03	1075.32	1872.51
6083004G	4G25	26.19	960.22	1586.01
6083005G	5G25	29.05	1200.28	2174.18
6083007G	7G25	31.90	1679.92	2845.29
6083204G	4G35	29.28	1343.92	2330.36
6083205G	5G35	32.25	1679.90	2864.68
6083404G	4G50	34.68	1920.06	3359.93
6083704G	4G70	39.55	2688.00	4486.24
6083804G	4G95	46.15	3648.24	6047.84
608414G	4G120	50.65	4608.09	7510.77

