



Application

- ✓ Air conditioning systems.
- ✓ Excellent UV resistance.
- ✓ Airports, railway stations.
- ✓ Regions prone to fire hazards.

Features

- ✓ Flame retardant.
- ✓ Low smoke density.
- ✓ Halogen free.

Product Construction

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

ISO 9001	ISO 14001	AS 9100	ISO 45001

Technical Data

- ✓ Temperature Range :
Flexible applications : - 15°C to +70°C
Fixed Installation : - 40°C to +70°C
- ✓ Test Voltage :
Core/Core : 4 kV
Core/Shielding : 2 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) 300/500 V
- ✓ Specific Insulation Resistance : >10 M Ohm x km.
- ✓ 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.
6160602	2Cx0.5	5.46	9.18	40.23
6160603G	3G0.5	5.8	13.77	48.17
6160603	3Cx0.5	5.8	13.77	48.17
6160604G	4G0.5	6.35	18.36	59.3
6160604	4Cx0.5	6.35	18.36	59.3
6160605G	5G0.5	6.95	22.95	71.74
6160605	5Cx0.5	6.95	22.95	71.74
6160607G	7G0.5	7.59	33.08	90.35
6160607	7x0.5	7.59	33.08	90.35
6160608G	8G0.5	8.55	37.8	91.74
6160610G	10G0.5	9.72	47.25	112.53
6160612G	12G0.5	9.56	56.7	131.11
6160618G	18G0.5	11.35	85.05	188.91
6160625G	25G0.5	13.48	118.13	256.45
6160630G	30G0.5	14.35	141.75	302.98
6160802	2Cx0.75	6.28	14.28	55.03
6160803G	3G0.75	6.69	21.42	66.65
6160803	3Cx0.75	6.69	21.42	66.65
6160804G	4G0.75	7.35	28.56	82.67
6160804	4Cx0.75	7.35	28.56	82.67
6160805G	5G0.75	8.06	35.7	100.54
6160805	5Cx0.75	8.06	35.7	100.54
6160807G	7G0.75	8.82	51.45	127.81
6160807	7Cx0.75	8.82	51.45	127.81
6160810G	10G0.75	11.36	73.5	159.71
6160812G	12G0.75	11.27	88.2	187.04
6160812	18G0.75	13.4	132.3	271.46
6160818G	25G0.75	15.94	183.75	370.08
6160825G	34G0.75	18.48	249.9	494.96
6160834G	2Cx1	7.02	18.16	68.89
6161002	3G1	7.49	27.23	83.65
6161003G	3Cx1	7.49	27.23	83.65
6161003	4G1	8.24	36.31	104.08
6161004G	4Cx1	8.24	36.31	104.08
6161004	5G1	9.06	45.39	126.92
6161005G	5Cx1	9.06	45.39	126.92
6161005	7G1	9.93	65.42	161.7
6161007G	7Cx1	9.93	65.42	161.7
6161007	8G1	11.24	74.76	163.45
6161008G	10G1	12.84	93.45	201.52
6161010G	12G1	12.81	112.14	236.59
6161012G	12Cx1	12.81	112.14	236.59
6161012	16G1	14.38	149.52	308.42
6161016G	18G1	15.25	168.21	344.57
6161018G	25G1	18.16	233.63	470.69



Part Number	Number of Cores and mm ² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Weight Kg/Km approx.
6161025G	34G1	21.07	317.73	630.66
6161034G	2Cx1.5	7.98	26.52	91.4
6161302	3G1.5	8.52	39.78	111.92
6161303G	3Cx1.5	8.52	39.78	111.92
6161303	4G1.5	9.4	53.04	139.98
6161304G	4Cx1.5	9.4	53.04	139.98
6161304	5G1.5	10.35	66.3	171.28
6161305G	5Cx1.5	10.35	66.3	171.28
6161305	7G1.5	11.37	95.55	219.67
6161307G	7Cx1.5	11.37	95.55	219.67
6161307	8G1.5	12.9	109.2	222.12
6161308G	10G1.5	14.76	136.5	274.46
6161310G	12G1.5	14.8	163.8	323.3
6161312G	18G1.5	17.65	245.7	473.06
6161318G	25G1.5	21.04	341.25	647.97
6161325G	34G1.5	24.43	464.1	870.28
6161334G	2Cx2.5	9.3	44.47	130.9
6161602	3G2.5	9.95	66.71	162.5
6161603G	4G2.5	11	88.94	204.65
6161604G	5G2.5	12.14	111.18	251.39
6161605G	7G2.5	13.35	160.23	325.79
6161607G	12G2.5	17.55	274.68	485
6161612G	18G2.5	20.95	412.02	713.45
6161618G	25G2.5	25	572.25	980.19
6161625G	3G4	11.34	107.41	227.4
6161903G	4G4	12.53	143.21	287.48
6161904G	5G4	13.82	179.01	353.5
6161905G	7G4	15.2	257.99	462.29
6161907G	3G6	13.04	161.26	316.04
6162303G	4G6	14.84	215.02	414.27
6162304G	5G6	16.35	268.77	509.04
6162305G	7G6	17.97	376.28	656.04
6162307G	4G10	17.49	365.57	629.56
6162704G	5G10	19.26	456.96	774.33
6162705G	4G16	20.13	585.48	914.32
6162804G	5G16	22.21	731.85	1128.07
6162805G	4G25	25.22	910.25	1427.67
6163004G	5G25	27.77	1137.81	1758.18
6163005G	4G35	28.15	1281.12	1895.35

