



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 : Fine Strand Bare Copper Wires.
- ✓ Insulation : Halogen Free Compound.
- ✓ Outer Sheath : Black Color Halogen Free Compound.
- ✓ Cores : Black with White Numbers and Colored.

ISO 9001	ISO 14001	AS 9100	ISO 45001
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Technical Data

- ✓ Temperature Range :
Flexible applications : - 15°C to +70°C
Fixed Installation : - 40°C to +70°C
- ✓ Voltage for Testing : 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) 600/1000 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.
6171002	2Cx1	7.02	18.16	68.89
6171003G	3G1	7.49	27.23	83.65
6171004G	4G1	8.24	36.31	104.08
6171005G	5G1	9.06	45.39	126.92
6171007G	7G1	9.93	65.42	161.7
6171012G	12G1	12.81	112.14	236.59
6171018G	18G1	15.25	168.21	344.57
6171025G	25G1	18.16	233.63	470.69
6171302	2Cx1.5	7.98	26.52	91.4
6171303G	3G1.5	8.52	39.78	111.92
6171304G	4G1.5	9.4	53.04	139.98
6171305G	5G1.5	10.35	66.3	171.28
6171307G	7G1.5	11.37	95.55	219.67
6171312G	12G1.5	14.8	163.8	323.3
6171318G	18G1.5	17.65	245.7	473.06
6171325G	25G1.5	21.04	341.25	647.97
6171602	2Cx2.5	9.3	44.47	130.9
6171603G	3G2.5	9.95	66.71	162.5
6171604G	4G2.5	11	88.94	204.65
6171605G	5G2.5	12.14	111.18	251.39
6171607G	7G2.5	13.35	160.23	325.79
6171612G	12G2.5	17.55	274.68	485
6171614G	14G2.5	18.56	320.46	560.83
6171618G	18G2.5	20.95	412.02	713.45
6171625G	25G2.5	25	572.25	980.19
6171903G	3G4	11.34	107.41	227.4
6171904G	4G4	12.53	143.21	287.48
6171905G	5G4	13.82	179.01	353.5
6172303G	3G6	13.44	161.26	327.69
6172304G	4G6	14.84	215.02	414.27
6172305G	5G6	16.35	268.77	509.04
6172704G	4G10	17.49	365.57	629.56
6172705G	5G10	19.26	456.96	774.33
6172804G	4G16	20.13	585.48	914.32
6172805G	5G16	22.21	731.85	1128.07
6173004G	4G25	25.22	910.25	1427.67

