



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.
- ✓ Halogen Free Plastic Foil Wrapping.
- ✓ Braiding : Tinned Copper Wire.
- ✓ Outer Sheath : Black Halogen Free Compound.
- ✓ Cores : Black with White Numbers and Colored ones.

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 +80°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 : 20 x Cable Diameter
Static : 6 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.
6191002	2Cx1	7.77	39.50	93.39
6191003G	3G1	8.17	51.00	109.84
6191004G	4G1	8.82	62.80	131.70
6191005G	5G1	9.53	76.00	157.01
6191007G	7G1	10.28	97.20	190.70
6191012G	12G1	13.19	169.10	328.70
6191018G	18G1	15.30	238.20	453.58
6191025G	25G1	17.81	315.50	611.23
6191302	2Cx1.5	8.58	53.20	114.88
6191303G	3G1.5	9.03	69.50	136.58
6191304G	4G1.5	9.75	86.50	165.15
6191305G	5G1.5	10.53	104.30	196.99
6191307G	7G1.5	11.37	136.50	243.19
6191312G	12G1.5	14.61	238.30	422.47
6191318G	18G1.5	16.95	355.40	604.30
6191325G	25G1.5	19.74	475.10	818.33
6191602	2Cx2.5	10.10	79.40	167.17
6191603G	3G2.5	10.65	106.10	201.34
6191604G	4G2.5	11.55	134.30	246.21
6191605G	5G2.5	12.52	158.30	290.65
6191607G	7G2.5	13.55	225.00	377.26
6191612G	12G2.5	17.55	383.60	649.64
6191618G	18G2.5	20.45	548.90	909.55
6191625G	25G2.5	23.90	761.70	1261.47
6191903G	3G4	12.47	167.70	299.50
6191904G	4G4	13.56	211.90	367.02
6191905G	5G4	14.74	250.30	434.28
6192303G	3G6	13.75	232.10	388.45
6192304G	4G6	14.99	298.50	482.51
6192305G	5G6	16.33	356.10	574.90
6192704G	4G10	18.61	490.60	778.19
6192705G	5G10	20.32	586.60	929.41
6192804G	4G16	21.25	735.10	1093.10
6192805G	5G16	23.27	888.70	1316.63
6193004G	4G25	25.74	1126.60	1652.76

