



Application

- ✓ Flame retardant.
- ✓ Halogen free control cable.
- ✓ Used in dry or damp interiors.
- ✓ Excellent UV protection.
- ✓ Air conditioning systems.
- ✓ Not Suitable for direct burial.
- ✓ Used in machine tools.

Features

- ✓ Formation of Toxic dioxins and furnaces in case of fire is considerably reduced.
- ✓ Highly resistant to grease, oil and other emulsions.
- ✓ Halogen free material is recyclable.
- ✓ Excellent Flame Retardant..

Product Construction

- ✓ Conductor : Finely Stranded Bare Copper Wires.
- ✓ Insulation : Halogen Free Compound.
- ✓ Outer Sheath : Halogen Free Material.
- ✓ Cores : Colored



Technical Data

- ✓ Temperature Range :
Flexible applications : - 30°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 : 15 x Cable Diameter
Static : 4 x Cable Diameter
- ✓ Rated Voltage : (U₀/U) 450/750 V
Fixed & Protected Installation : 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.
61306 02	2Cx0.5	4.9	9.60	35.54
6130603G	3G0.5	5.2	14.40	43.04
6130603	3Cx0.5	5.2	14.40	43.04
6130604G	4G0.5	5.9	19.20	56.01
6130604	4Cx0.5	5.9	19.20	56.01
6130605G	5G0.5	6.4	24.00	67.68
6130605	5Cx0.5	6.4	24.00	67.68
6130607G	7G0.5	7.0	33.60	84.52
613062G	12G0.5	9.1	57.60	155.45
6130802	2Cx0.75	5.9	14.40	52.28
6130803G	3G0.75	6.3	21.60	63.40
6130803	3Cx0.75	6.3	21.60	63.40
6130804G	4G0.75	6.9	28.56	78.33
6130804	4Cx0.75	6.9	28.81	78.59
6130805G	5G0.75	7.5	36.02	95.46
6130805	5Cx0.75	7.5	36.02	95.46
6130807G	7G0.75	8.2	50.42	120.02
6130807	7Cx0.75	8.2	50.42	120.02
6130809G	9G0.75	9.6	64.82	171.96
6130812G	12G0.75	10.4	86.42	210.13
6130818G	18G0.75	12.4	129.62	299.94
6130825G	25G0.75	14.7	180.01	417.90
6131002	2Cx1	6.2	19.21	60.97
6131003G	3G1	6.6	28.81	74.74
6131003	3Cx1	6.6	28.81	74.74
6131004G	4G1	7.3	38.41	93.12
6131004	4Cx1	7.3	38.41	93.12
6131005G	5G1	8.0	48.02	113.44
6131007G	7G1	8.7	67.22	143.64
6131008G	8G1	9.4	76.82	176.08
6131012G	12G1	11.1	115.21	251.96
6131014G	14G1	11.8	134.41	285.01
6131018G	18G1	13.3	172.81	361.17
6131025G	25G1	15.8	240.01	503.74
6131041G	41G1	20.0	393.62	808.08
6131302	2Cx1.5	6.8	28.81	77.27
6131303G	3G1.5	8.1	43.21	111.96
6131303	3Cx1.5	8.1	43.21	111.96
6131304G	4G1.5	8.9	57.62	140.19
6131305G	5G1.5	9.8	72.02	171.51
613307G	7G1.5	9.6	100.81	188.76
6131308G	8G1.5	10.3	115.21	230.48
6131309G	9G1.5	11.3	129.61	268.07



6131311G	11G1.5	11.9	158.42	307.05
6131312G	12G1.5	12.3	172.82	331.84
6131314G	14G1.5	13.0	201.62	376.56
6131318G	18G1.5	14.7	259.20	478.30
6131325G	25G1.5	17.4	360.00	667.92
6131334G	34G1.5	20.2	489.60	898.97
6131602	2Cx2.5	8.3	48.02	119.67
6131603G	3G2.5	10.1	72.01	179.38
6131604G	4G2.5	10.7	96.02	212.58
6131605G	5G2.5	11.8	120.02	260.47
6131607G	7G2.5	11.8	168.01	297.33
6131612G	12G2.5	15.3	288.02	523.19
6131903G	3G4	11.5	115.00	247.96
6131904G	4G4	12.4	153.60	305.54
6131905G	5G4	14.1	192.00	387.29
6131907G	7G4	14.2	268.80	452.46
6132304G	4G6	13.6	230.40	401.36
6132305G	5G6	14.5	288.01	478.46
6132307G	7G6	16.0	403.21	621.94
6132704G	4G10	17.3	384.01	658.65
6132705G	5G10	19.5	480.01	829.18
6132804G	4G16	20.1	614.41	966.74
6132805G	5G16	22.4	768.01	1203.05
6133004G	4G25	25.1	960.01	1507.86
6133005G	5G25	28.1	1200.00	1887.50
6133204G	4G35	28.5	1344.00	2027.47
6133205G	5G35	31.9	1680.01	2536.82
6133404G	4G50	34.0	1920.02	2884.98
6133704G	4G70	38.2	2688.00	3849.84
6133804G	4G95	43.6	3648.00	5144.05
6134104G	4G120	47.6	4608.00	6326.14

