



### Application

- ✓ Used in damp and wet areas.
- ✓ Used in measuring control and Regulating Circuits.
- ✓ In Power Circuits
- ✓ Control and Connection Cables.

### Features

- ✓ Medium mechanical Stress.
- ✓ Flexibility in Usage.
- ✓ Excellent UV Resistant, Flame retardant..
- ✓ Requires less amount of Space.
- ✓ High Operating Voltage.

### Product Construction

- ✓ Conductor : Finely Stranded Bare Copper Wires.
- ✓ Insulation : Special PVC Compound.
- ✓ Nonwoven Wrapping.
- ✓ Inner Sheath : PVC Compound.
- ✓ Braiding : Tinned Copper Wire.
- ✓ Nonwoven Wrapping
- ✓ Outer Sheath : Silver Grey Special PVC Compound.
- ✓ Cores : Black with White Numbers.

ISO 9001	ISO 14001	AS 9100	ISO 45001
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### Technical Data

- ✓ Temperature Range :  
Flexible applications : 0°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 : 7.5 x Cable Diameter  
Static : 4 x Cable Diameter
- ✓ Rated Voltage : (U<sub>0</sub>/U) 300/500 V  
450/750 V
- ✓ Specific Insulation Resistance : >20 G Ohm x cm.
- ✓ As per VDE 0245/0281

Part Number	Number of Cores and mm <sup>2</sup> Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Weight Kg/Km approx.
6250602	2Cx0.5	7.46	33.00	86.68
6250603G	3G0.5	7.77	39.00	96.57
6250604G	4G0.5	8.47	46.00	115.06
6250605G	5G0.5	8.81	54.00	127.79
6250607G	7G0.5	9.59	70.00	157.53
6250612G	12G0.5	11.33	100.00	234.38
6250618G	18G0.5	12.95	153.00	326.15
6250625G	25G0.5	14.88	202.00	429.54
6250630G	30G0.5	15.67	228.00	478.11
6250802	2Cx0.75	8.28	40.58	106.35
6250803G	3G0.75	8.65	49.28	120.21
6250804G	4G0.75	9.26	59.00	139.99
6250805G	5G0.75	9.92	69.00	161.95
6250807G	7G0.75	11.22	90.00	211.09
6250812G	12G0.75	13.03	133.14	308.33
6250816G	16G0.75	14.70	186.00	408.86
6250818G	18G0.75	15.40	205.00	449.04
6250825G	25G0.75	17.74	271.00	593.47
6250826G	26G0.75	17.74	279.00	599.87
6250830G	30G0.75	18.70	320.00	674.94
6251002	2Cx1	8.62	46.00	116.90
6251003G	3G1	9.02	57.00	133.37
6251004G	4G1	9.67	70.00	157.40
6251005G	5G1	10.38	81.00	181.55
6251007G	7G1	11.73	110.00	240.42
6251012G	12G1	14.14	182.00	386.80
6251016G	16G1	14.90	230.00	450.27
6251018G	18G1	16.25	254.00	520.15
6251025G	25G1	19.01	365.00	719.31
6251026G	26G1	19.01	374.00	726.22
6251034G	34G1	21.52	463.00	914.95
6251041G	41G1	23.20	542.00	1065.65
6251050G	50G1	25.06	640.00	1247.92
6251065G	65G1	26.19	856.00	1483.27
6251302	2Cx1.5	9.18	58.00	137.63
6251303G	3G1.5	9.63	75.00	160.60
6251304G	4G1.5	10.35	91.00	189.20
6251305G	5G1.5	11.53	112.00	236.28
6251307G	7G1.5	12.57	145.00	291.08
6251312G	12G1.5	15.31	247.00	479.73
6251316G	16G1.5	16.81	314.00	590.37
6251318G	18G1.5	17.65	348.00	651.60



6251325G	25G1.5	20.69	498.00	904.46
6251326G	26G1.5	20.09	513.00	886.60
6251334G	34G1.5	23.73	700.00	1221.53
6251342G	42G1.5	25.00	825.00	1390.33
6251350G	50G1.5	27.06	960.00	1623.50
6251361G	61G1.5	28.71	1024.00	1758.80
6251603G	3G2.5	11.70	119.00	241.80
6251604G	4G2.5	12.60	161.00	302.14
6251605G	5G2.5	13.77	194.00	363.95
6251607G	7G2.5	15.20	262.00	468.35
6251903G	3G4	13.76	188.00	358.88
6251904G	4G4	14.81	238.00	433.45
6251905G	5G4	15.99	280.00	507.03
6252304G	4G6	16.84	318.00	569.54
6252305G	5G6	18.18	410.00	701.32
6252705G	4G10	20.86	521.00	909.59
6252705G	5G10	22.82	688.95	1142.23
6252804G	4G16	23.75	780.00	1253.24
6252805G	5G16	25.77	1035.76	1588.13

