



Application

- ✓ Used in dry, damp interiors and Outdoor use.
- ✓ Used in measurement and Control Circuits.
- ✓ In power Circuits.

Features

- ✓ Excellent Flame Retardant.
- ✓ Flexibility.
- ✓ Medium Mechanical Stress.
- ✓ Excellent UV Protection.

Product Construction

- ✓ Conductor : Finely Stranded Bare Copper Wires.
- ✓ Insulation : Halogen Free Compound.
- ✓ Nonwoven Wrapping Over Insulation.
- ✓ Inner Sheath : Grey Halogen Free Thermoplastic Polyolefin Copolymer Compound.
- ✓ Braiding : Tinned Copper Wire.
- ✓ Nonwoven Wrapping Over Braiding.
- ✓ Outer Sheath : Silver Grey Halogen Free Thermoplastic Polyolefin Copolymer Compound.
- ✓ Cores : Black with White Numbers.

ISO 9001	ISO 14001	AS 9100	ISO 45001
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Technical Data

- ✓ Temperature Range :
Flexible applications : - 25°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 : 7.5 x Cable Diameter
Static : 4 x Cable Diameter
- ✓ Rated Voltage : (U₀/U) 300/500 V
450/750 V
- ✓ Specific Insulation Resistance : >1 T 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.
6270802	2Cx0.75	7.23	39.00	118.79
6270803	3Cx0.75	7.60	48.00	134.17
6270803G	3G0.75	7.60	48.00	134.17
6270804G	4G0.75	8.21	59.00	157.12
6270805G	5G0.75	8.87	69.00	181.09
6270807G	7G0.75	9.57	90.00	216.85
6270812G	12G0.75	11.78	129.00	327.74
6270818G	18G0.75	14.00	205.00	464.41
6270825G	25G0.75	16.34	271.00	613.32
6271002	2Cx1	7.82	48.39	135.47
6271003G	3G1	8.22	59.15	153.02
6271004G	4G1	8.87	70.96	177.88
6271005G	5G1	9.58	82.98	205.23
6271007G	7G1	10.33	110.00	248.18
6271012G	12G1	12.99	182.00	400.77
6271018G	18G1	15.10	254.00	538.20
6271025G	25G1	17.61	365.00	741.02
6271041G	41G1	21.80	542.00	1096.21
6271050G	50G1	23.66	640.00	1282.76
6271302	2Cx1.5	8.38	59.10	156.54
6271303	3Cx1.5	8.83	75.00	179.89
6271303G	3G1.5	8.83	75.00	179.89
6271304G	4G1.5	9.55	91.00	210.75
6271305G	5G1.5	10.33	112.00	249.38
6271307G	7G1.5	11.17	145.00	300.22
6271312G	12G1.5	13.91	247.00	494.49
6271318G	18G1.5	16.25	348.00	670.94
6271325G	25G1.5	19.54	498.00	930.39
6271334G	34G1.5	22.33	700.00	1252.12
6271341G	41G1.5	24.20	825.00	1464.84
6271350G	50G1.5	26.26	960.00	1702.67
6271603G	3G2.5	10.70	119.00	264.92
6271604G	4G2.5	11.60	161.00	328.11
6271605G	5G2.5	12.57	194.00	386.42
6271607G	7G2.5	13.60	262.00	479.55
6271612G	12G2.5	17.10	380.21	731.73
6271904G	4G4	13.66	238.00	468.08
6272304G	4G6	15.29	318.00	593.04
6272305G	5G6	16.63	410.00	729.93

