



Application

- ✓ Used in dry or damp interiors.
- ✓ Air conditioning systems.
- ✓ Not Suitable for direct burial.
- ✓ Used in machine tools.
- ✓ Data processing systems.

Features

- ✓ Less adhesion.
- ✓ Excellent Oil resistant.
- ✓ Highly Flexible.

Product Construction

- ✓ Conductor : Finely Stranded Bare Copper Wires.
- ✓ Insulation : Special PVC Compound.
- ✓ Fleece Wrapping.
- ✓ Outer Sheath : Black Special PVC Compound.
- ✓ Cores : Black with White Numbers.

ISO 9001	ISO 14001	AS 9100	ISO 45001

Technical Data

- ✓ Temperature Range :
Flexible applications : -5°C to +90°C
Fixed Installation : - 40°C to +90°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
- ✓ Specific Insulation Resistance : >20 G Ohm x cm.
- ✓ As per VDE 0245,0250,0281.

Part Number	Number of Cores and mm ² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Weight Kg/Km approx.
6280603G	3G0.5	6.64	14.4	63.46
6280604G	4G0.5	7.30	19.2	77.98
6280605G	5G0.5	8.01	24	94.46
6280607G	7G0.5	9.36	33.6	129.67
6280612G	12G0.5	11.45	57.6	166.17
6280618G	18G0.5	13.40	86.4	234.99
6280625G	25G0.5	16.32	120	325.26
6280803G	3G0.75	7.06	21.6	75.88
6280804G	4G0.75	7.92	28.8	96.66
6280805G	5G0.75	8.62	36	116.11
6280807G	7G0.75	10.18	50.4	161.75
6280812G	12G0.75	12.32	86.5	206.85
6280818G	18G0.75	14.64	129.6	301.60
6280825G	25G0.75	17.77	180	416.40
6281303G	3G1.5	8.09	43.2	111.25
6281304G	4G1.5	9.07	57.6	142.38
6281305G	5G1.5	9.91	72	172.51
6281307G	7G1.5	12.01	100.8	249.14
6281312G	12G1.5	14.30	172.8	320.27
6281318G	18G1.5	17.42	259.2	476.16
6281325G	25G1.5	20.83	360	660.05
6281334G	34G1.5	23.83	489.6	871.10
6281603G	3G2.5	9.73	72	168.45
6281604G	4G2.5	10.89	96	215.35
6281605G	5G2.5	11.92	120	261.84
6281607G	7G2.5	14.42	168	376.82
6281612G	12G2.5	17.48	288	501.96
6281903G	3G4	11.11	115.2	236.31
6281904G	4G4	12.60	153.6	308.32
6281905G	5G4	14.12	192	386.32
6281907G	7G4	16.85	268.8	545.72
6282304G	4G6	14.80	230.4	439.60
6282704G	4G10	18.50	384	705.82
6282804G	4G16	21.77	614.4	1042.32
6283004G	4G25	26.30	960	1571.19
6283204G	4G35	29.21	1344	2064.10

