



### 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.
- ✓ Inner Sheath : Black Special PVC Compound.
- ✓ Braiding : Tinned Copper Wire.
- ✓ Outer Sheath : Black 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 : -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 : (U<sub>0</sub>/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 <sup>2</sup> Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Weight Kg/Km approx.
6290603G	3G0.5	8.76	38.84	113.98
6290604G	4G0.5	9.17	47.21	129.07
6290605G	5G0.5	9.82	55.21	149.36
6290607G	7G0.5	11.11	73.25	194.91
6290612G	12G0.5	13.40	99.75	278.16
6290618G	18G0.5	15.80	159.87	402.27
6290625G	25G0.5	18.32	203.62	533.88
6290803G	3G0.75	8.58	49.10	118.95
6290804G	4G0.75	9.38	59.79	144.03
6290805G	5G0.75	10.43	68.47	174.18
6290807G	7G0.75	11.53	91.56	220.60
6290812G	12G0.75	14.48	151.84	351.25
6290818G	18G0.75	16.44	204.09	460.69
6290825G	25G0.75	19.02	294.53	632.25
6291303G	3G1.5	9.81	74.91	164.89
6291304G	4G1.5	10.94	94.33	206.42
6291305G	5G1.5	11.72	101.24	230.47
6291307G	7G1.5	13.46	165.87	324.86
6291312G	12G1.5	16.72	246.87	496.28
6291318G	18G1.5	19.07	375.14	698.18
6291325G	25G1.5	21.88	489.93	918.11
6291334G	34G1.5	24.68	663.92	1209.54
6291603G	3G2.5	11.45	104.09	226.13
6291604G	4G2.5	12.66	162.16	298.59
6291605G	5G2.5	14.03	185.00	355.91
6291607G	7G2.5	15.87	242.55	463.68
6291612G	12G2.5	19.90	404.11	757.14
6291903G	3G4	13.55	157.65	322.01
6291904G	4G4	14.80	218.29	413.78
6291905G	5G4	16.38	266.61	509.12
6291907G	7G4	18.50	373.50	672.47
6292304G	4G6	16.88	304.95	549.74
6292704G	4G10	21.50	501.16	909.66
6292804G	4G16	24.17	804.04	1299.16
6293004G	4G25	29.10	1181.09	1898.75
6293204G	4G35	32.01	1594.26	2431.30



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