



Application

- ✓ Used in intrinsically safe circuits.

Features

- ✓ High shielding coverage and low transfer impedance.
- ✓ Copper braiding avoids electromagnetic interference in signal transmission.
- ✓ Substances (like silicone) that hinder the properties of lacquer are not used.

Product Construction

- ✓ Conductor: Finely Stranded Bare Copper Wires.
- ✓ Insulation : PVC Compound
- ✓ Filling Material:PVC Compound
- ✓ Outer Sheath: Blue Color Special PVC Compound.
- ✓ Cores: Black Colored with White Numbers.

ISO 9001	ISO 14001	AS 9100	ISO 45001
---------------------	----------------------	--------------------	----------------------



Technical Data

- ✓ Temperature Range:
Flexible applications : - 5°C to +70°C
Fixed Installation : - 40°C to +80°C
- ✓ Test Voltage :
Core/Core : 3 kV
Core/Shielding : 2 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 : <50 V
<75 V DC
- ✓ Specific Insulation Resistance : >20 G Ohm x cm.
- ✓ Inductivity : 0.65 mH/km(approx.)
- ✓ Mutual Capacitance : 110nF / km.
- ✓ 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.
6300802	2Cx0.75	5.9	14.7	52
6300803	3Cx0.75	6.3	22.1	63
6300804	4Cx0.75	6.9	29.4	79
6300805	5Cx0.75	7.5	36.8	95
6300807	7Cx0.75	8.2	51.5	120
6300812	12Cx0.75	10.4	88.2	176
6300818	18Cx0.75	12.4	132.3	254
6300825	25Cx0.75	14.7	183.8	347
6301002	2Cx1	6.2	19.7	61
6301003	3Cx1	6.6	29.6	75
6301005	5Cx1	8.0	49.4	114
6301007	7Cx1	8.7	69.1	144
6301012	12C1	11.1	118.4	214
6301018	18C1	13.3	177.7	311
63013 02	2Cx1.5	6.8	29.0	77
6301303	3Cx1.5	7.2	43.0	95
6301303G	3Gx1.5	7.2	43.0	95
6301304	4Cx1.5	8.0	58.0	120
6301304G	4Gx1.5	8.0	58.0	120
6301305	5Cx1.5	8.7	72.0	147
6301305G	5Gx1.5	8.7	72.0	147
6301307G	7G1.5	9.6	101.0	187
6301312G	12G1.5	12.3	173.0	281
6301318G	18G1.5	14.7	259.0	410
6301325G	25G1.5	17.4	360.0	562

