



ELASTOMERIC RUBBER CABLES

Customization

Customized colour option and printing of the outer sheath on request

SINGLE CORE

70 °C/90 °C

RJ 0701



Product Description:

Elastomer (rubber) is an insulating material with high dielectric strength having a decent property of flexibility, Elastomeric cables are suitable for applications for reeling & unreeling application in mining, heater leads, elevators, cranes & other high dielectric & flexible application.

Application:

Trailing, land line, wind mill, thin wall cables, motor lead wire, panel wiring, battery cable.

Approvals:



Product Features:

- high temp operations
- excellent electrical properties
- long services life
- light weight
- flexibility

Colour Codes:

- Core Colour: Black, Red, Blue, Brown, Yellow, Grey, White, Green, Orange

Technical Data:

- **Based on**
Indian Standard IS 9968 Part-1

Make Up:

- Annealed tinned copper conductor as per IS 8130.84 separator tape (optional) melinex over the conductor.
- Proofed tape /PETP/RPCT/plastic tape over insulation (optional) can be provided.
- **Insulation**
Elastomers used for insulation are of following types
General purpose insulation-type IE-1 of IS 6380
Heat resisting insulation-type IE-2 of IS 6380
- **Binder tape**
It is provided over laid up cores as per relevant tables
- **Sheathing**
General purpose sheath SE 1 & SE 2 of IS 6380-84
Heat resisting sheathing SE 3 & SE 4 of IS 6380
- **Banding radius**
10 x diameter
- **Rated voltage**
450/750V
- **Test voltage**
3000Vrms
- **Range of temperature**
Normal Working Temp.: -20 °C up to +70 °C
High Working Temp.: -20 °C up to +90 °C

Part number	Nominal area of conductor mm ²	Thickness of insulation in mm	Thickness of sheath in mm	Outer diameter in mm	Copper index kg/km
RJ 0701					
0701 00 101	0.5	1.0	1.0	5.20	4.50
0701 00 201	0.75	1.0	1.0	5.40	6.75
0701 00 301	1.0	1.0	1.0	5.60	9.00
0701 00 401	1.5	1.0	1.0	5.90	13.50
0701 00 501	2.5	1.0	1.0	6.40	22.50
0701 00 601	4.0	1.0	1.0	6.90	36.00
0701 00 701	6	1.0	1.6	8.80	54.00
0701 00 801	10	1.2	1.8	10.60	90.00
0701 00 901	16	1.2	1.9	12.00	144.00
0701 01 001	25	1.4	2.0	14.20	225.00
0701 01 101	35	1.4	2.2	16.00	315.00
0701 01 201	50	1.6	2.4	18.60	450.00
0701 01 301	70	1.6	2.6	21.00	630.00
0701 01 401	95	1.8	2.8	23.80	855.00
0701 01 501	120	1.8	3.0	26.00	1080.00
0701 01 601	150	2.0	3.2	29.00	1350.00
0701 01 701	185	2.2	3.4	32.00	1665.00
0701 01 801	240	2.4	3.5	35.50	2160.00

Note: For 50 sqmm and above maximum length available is 50mtrs.



ELASTOMERIC RUBBER CABLES

Customization

Customized colour option and printing of the outer sheath on request

MULTI CORE

70 °C/90 °C

RJ 0702



Product Description:

Elastomer (rubber) is an insulating material with high dielectric strength having a decent property of flexibility, Elastomeric cables are suitable for applications for reeling & unreeling application in mining, heater leads, elevators cranes & other high dielectric & flexible application.

Application:

Trailing, land line, wind mill, thin wall cables, motor lead wire, panel wiring, battery cable.

Approvals:



Product Features:

- high temp operations
- excellent electrical properties
- long services life
- light weight
- flexibility

Colour Codes:

- Core Colour: Black, Red, Blue, Yellow, Green

Make Up:

- Annealed tinned copper conductor as per IS 8130.84 separator tape (optional) melinex over the conductor.
- Proofed tape /PETP/RPCT/plastic tape over insulation (optional) can be provided.

Technical Data:

- **Based on**
Indian Standard IS 9968 Part-1
- **Insulation**
Elastomers used for insulation are of following types
General purpose insulation-type IE-1 of IS 6380
Heat resisting insulation-type IE-2 of IS 6380
- **Binder tape**
It is provided over laid up cores as per relevant tables
- **Sheathing**
General purpose sheath SE 1 & SE 2 of IS 6380-84
Heat resisting sheathing SE 3 & SE 4 of IS 6380
- **Banding radius**
10 x diameter
- **Rated voltage**
450/750V
- **Test voltage**
3000Vrms core to core
- **Range of temperature**
Normal Working Temp.: -20 °C up to +70 °C
High Working Temp.: -20 °C up to +90 °C



Part number	No. of core	Nominal area of conductor mm ²	Thickness of insulation in mm	Thickness of sheath in mm	Outer diameter in mm	Copper index kg/km
RJ 0702						
0702 00102	2	0.5	1.0	1.0	8.10	9.00
0702 00202		0.75	1.0	1.0	8.50	13.50
0702 00302		1.0	1.0	1.0	9.00	18.00
0702 00402		1.5	1.0	1.0	9.50	27.00
0702 00502		2.5	1.0	1.1	10.50	45.00
0702 00602		4.0	1.0	1.2	11.70	72.00
0702 00702		6	1.0	2.0	14.30	108.00
0702 00802		10	1.2	2.4	17.40	180.00
0702 00902		16	1.2	2.5	20.40	288.00
0702 01002		25	1.4	3.2	25.20	450.00
0702 01102		35	1.4	3.3	27.80	630.00
0702 01202		50	1.6	3.5	32.40	900.00
0702 01302		70	1.6	3.6	36.20	1260.00
0702 00102		3	0.5	1.0	1.0	9.00
0702 00202	0.75		1.0	1.0	9.60	20.25
0702 00302	1.0		1.0	1.0	10.00	27.00
0702 00402	1.5		1.0	1.1	10.70	40.50
0702 00502	2.5		1.0	1.1	11.80	67.50
0702 00602	4.0		1.0	1.2	13.20	108.00
0702 00702	6		1.0	2.1	16.30	160.00
0702 00802	10		1.2	2.5	19.80	270.00
0702 00902	16		1.2	2.7	23.40	432.00
0702 01002	25		1.4	3.3	28.50	675.00
0702 01102	35		1.4	3.4	31.60	945.00
0702 01202	50		1.6	3.6	36.80	1350.00
0702 01302	70		1.6	3.7	41.00	1890.00
0702 00102	4		0.5	1.0	1.0	9.90
0702 00202		0.75	1.0	1.1	10.60	27.00
0702 00302		1.0	1.0	1.1	11.20	36.00
0702 00402		1.5	1.0	1.1	11.90	54.00
0702 00502		2.5	1.0	1.1	13.00	90.00
0702 00602		4.0	1.0	1.2	14.60	144.00
0702 00702		6	1.0	2.5	18.70	216.00
0702 00802		10	1.2	2.7	22.00	360.00
0702 00902		16	1.2	2.9	26.00	576.00
0702 01002		25	1.4	3.4	31.40	900.00
0702 01102		35	1.4	3.5	34.70	1260.00
0702 01202		50	1.6	3.7	40.60	1800.00
0702 01302		70	1.6	3.9	45.50	2520.00