



## Siechem Annealed Tinned Copper Conductor Synthetic Elastomeric Insulated, Sheathed Multi Core Rubber Cable as per IS 9968 Part-1

### Application

- ✓ Used for measuring & controlling in control equipment for conveyors and control units
- ✓ Fixed installation and for flexible use when temporarily moved in medium mechanical condition
- ✓ Used outdoors when protected and in dry or moist conditions indoor.
- ✓ Suitable for many applications, including use in elevators, lifts, cranes, mines, heater leads, and electric iron leads etc.

### Features

- ✓ Flexible
- ✓ Abrasion Resistance
- ✓ High Dielectric Strength
- ✓ Flame Retardant
- ✓ Medium Mechanical Stress
- ✓ Long Cable life.

### Product Construction

- ✓ Conductor : Annealed Tinned Copper, Class 2 (Optional - Aluminium Conductor as per Customer requirement)
- ✓ Separator Tape (Optional)
- ✓ Insulation : General Service elastomeric, Type IE 1 as per IS 6380-1984 (Optional - Heat Resisting elastomer, Type IE 2 as per IS 6380-1984)
- ✓ Fillers optional
- ✓ Binder Tape : Optional
- ✓ Outer Sheath : General Purpose Sheath Type SE 1 as per IS 6380-1984 and (Optional -Heat resistance Elastomer Type SE 2 as per IS 6380-1984)

### Technical Data

- ✓ Temperature Range : Insulation for General Service : 60°C Heat Resisting Insulation : 90°C
- ✓ High Voltage Test : 3 kV for 5 mins
- ✓ Rated Voltage : 1.1 kV
- ✓ Specification : IS 9968 Part - 1



<b>ISO 9001</b>	<b>ISO 14001</b>	<b>OHSAS 18001</b>	<b>AS 9100</b>	<b>ISO 45001</b>			<b>CE</b>
-----------------	------------------	--------------------	----------------	------------------	--	--	-----------

Part Number	No.of Cores X Conductor size (Nos X mm <sup>2</sup> )	Thickness of Insulation (mm)	Thickness of Outersheath (mm)	Outer Diameter (mm) approx.	Copper Index (Kg/Km)	Weight (Kg/Km) approx.
5121602	2C X 2.5	1.0	1.1	15.26	43.07	283.87
5121902	2C X 4	1.0	1.2	18.70	68.92	427.90
5122302	2C X 6	1.0	1.2	22.12	103.37	601.86
5122702	2C X 10	1.2	1.3	28.30	172.29	983.43
5122802	2C X 16	1.2	1.4	34.20	275.66	1454.48
5123002	2C X 25	1.4	1.5	41.00	430.72	2117.81
5123202	2C X 35	1.4	1.6	47.80	603.01	2889.11
5123402	2C X 50	1.6	1.8	56.60	861.44	4059.91
5123702	2C X 70	1.6	1.9	66.40	1206.02	5595.32
5123802	2C X 95	1.8	2.1	77.60	1636.74	7621.25
5124102	2C X 120	1.8	2.2	86.80	2067.46	9543.40
5124202	2C X 150	2.0	2.4	96.20	2584.32	11761.16
5124402	2C X 185	2.2	2.6	107.60	3187.33	14664.55
5124602	2C X 240	2.4	2.8	122.40	4134.92	18967.39
5124802	2C X 300	2.6	3	139.60	5168.65	24437.29
5124902	2C X 400	2.8	3.2	158.00	6891.53	31545.95

