

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.

**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**

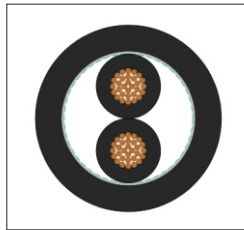
- ✓ Temperature Range : Insulation for General Service : 60°C Heat Resisting Insulation : 90°C
- ✓ High Voltage Test : 3 kV for 5 mins
- ✓ Rated Voltage : 1.1 kV
- ✓ Specification : IS 9968 Part - 1

1<sup>st</sup> time in India  
EBXL Rubber Cable  
as per IS 9968  
with enhanced properties

**Features**

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

**2D View**



Approvals	Accreditations	Certifications

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.	Max. Conductor Resistance at 20°C	Weight (Kg/Km) approx.
5121602	2C X 2.5	1.0	1.1	11.0	7.56	145
5121902	2C X 4	1.0	1.2	12.3	4.70	190
5122302	2C X 6	1.0	1.2	13.4	3.11	240
5122702	2C X 10	1.2	1.3	16.3	1.84	365
5122802	2C X 16	1.2	1.4	18.6	1.16	510
5123002	2C X 25	1.4	1.5	22.2	0.734	750
5123202	2C X 35	1.4	1.6	24.7	0.529	970
5123402	2C X 50	1.6	1.8	28.6	0.391	1345
5123702	2C X 70	1.6	1.9	32.4	0.270	1780
5123802	2C X 95	1.8	2.1	37.4	0.195	2385
5124102	2C X 120	1.8	2.2	40.8	0.154	2910
5124202	2C X 150	2.0	2.4	45.1	0.126	3605
5124402	2C X 185	2.2	2.6	50.1	0.100	4430
5124602	2C X 240	2.4	2.8	56.5	0.0762	5665
5124802	2C X 300	2.6	3.0	62.6	0.0607	7000
5124902	2C X 400	2.8	3.2	69.7	0.0475	9065

\*\* We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.

