

Siechem Annealed Tinned Copper Conductor Synthetic Elastomeric Insulated, Sheathed Single 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 Flexible Copper, Class 5.
- ✓ 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)
- ✓ Tape (Optional)
- ✓ Outer Sheath : For General Purpose Rubber Insulation Type SE 2 as per 6380-1984  
(Optional - Heat Resisting Rubber Insulation, Type SE 4 as per IS 6380-1984)

**Technical Data**

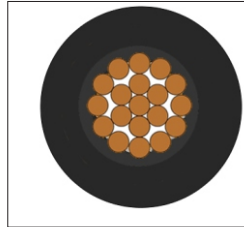
- ✓ Temperature Range :  
Insulation for General Service : 60°C  
Heat Resisting Insulation : 90°C
- ✓ High Voltage Test : 3 kV for 5 mins
- ✓ Rated Voltage : 1.1 kV
- ✓ Specification : IS 9968 Part - 1

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.	Copper Index (Kg/Km)	Weight (Kg/Km) approx.
52423XX	1C X 6	1.0	1.6	8.89	51.69	129.72
52427XX	1C X 10	1.2	1.8	10.62	86.14	194.96
52428XX	1C X 16	1.2	1.9	11.91	137.83	268.25
52430XX	1C X 25	1.4	2.0	13.80	215.36	384.14
52432XX	1C X 35	1.4	2.2	15.41	301.50	504.37
52434XX	1C X 50	1.6	2.4	17.73	430.72	692.25
52437XX	1C X 70	1.6	2.6	19.90	603.01	916.96
52438XX	1C X 95	1.8	2.8	22.34	818.37	1205.92
52441XX	1C X 120	1.8	3.0	24.40	1033.73	1480.20
52442XX	1C X 150	2.0	3.2	26.85	1292.16	1825.24
52444XX	1C X 185	2.2	3.4	29.34	1593.67	2222.13
52446XX	1C X 240	2.4	3.5	32.57	2067.46	2810.97
52448XX	1C X 300	2.6	3.5	35.35	2584.32	3427.66
52449XX	1C X 400	2.8	3.8	39.72	3445.76	4477.26
52450XX	1C X 500	3.0	4.0	43.77	4307.21	5520.58
52451XX	1C X 630	3.0	4.1	47.77	5427.08	6788.42

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

