

### Siechem Annealed Tinned Copper Conductor Synthetic Elastomeric Insulated & Sheathed (4C) 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)
- ✓ Colour : Red, Yellow, Blue & Green
- ✓ Fillers optional
- ✓ Binder Tape : Optional
- ✓ Outer Sheath : General Purpose Sheath Type SE 1 as per IS 6380 -1984 (Optional - Heat Resisting elastomer Type SE 2 as per IS 6380 -1984)

#### Technical Data

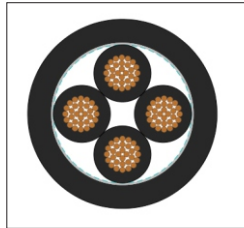
- ✓ Temperature Range : Insulation for General Service : 60°C Heat Resisting Insulation : 90°C
- ✓ High Voltage test : 3 kV for 5 mins
- ✓ Rated Voltage : 1.1 kV
- ✓ Specification : IS 9968 Part - 1

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.
5121604	4C X 2.5	1.0	1.1	12.5	7.56	220
5121904	4C X 4	1.0	1.2	14.0	4.70	300
5122304	4C X 6	1.0	1.3	15.5	3.11	390
5122704	4C X 10	1.2	1.4	18.7	1.84	605
5122804	4C X 16	1.2	1.5	21.5	1.16	855
5123004	4C X 25	1.4	1.7	26.0	0.734	1285
5123204	4C X 35	1.4	1.8	29.0	0.529	1685
5123404	4C X 50	1.6	2.0	33.5	0.391	2330
5123704	4C X 70	1.6	2.1	38.2	0.270	3105
5123804	4C X 95	1.8	2.4	44.5	0.195	4180
5124104	4C X 120	1.8	2.5	48.5	0.154	5125
5124204	4C X 150	2.0	2.7	53.5	0.126	6350
5124404	4C X 185	2.2	2.9	59.2	0.100	7795
5124604	4C X 240	2.4	3.2	67.0	0.0762	10020
5124804	4C X 300	2.6	3.5	74.5	0.0607	12430
5124904	4C X 400	2.8	3.8	83.0	0.0475	16205

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

