



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 (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



ISO 9001	ISO 14001	OHSAS 18001	AS 9100	ISO 45001			
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Part Number	No. of Cores X Conductor size (Nos X mm ²)	Thickness of Insulation (mm)	Thickness of Outersheath (mm)	Outer Diameter (mm) approx.	Copper Index (Kg/Km)	Weight (Kg/Km) approx.
5121604	4C X 2.5	1.0	1.1	12.99	86.14	242.21
5121904	4C X 4	1.0	1.2	14.50	137.83	324.92
5122304	4C X 6	1.0	1.3	16.07	206.75	428.24
5122704	4C X 10	1.2	1.4	19.98	344.58	677.27
5122804	4C X 16	1.2	1.5	22.48	551.32	951.41
5123004	4C X 25	1.4	1.7	26.51	861.44	1404.77
5123204	4C X 35	1.4	1.8	29.37	1206.02	1842.50
5123404	4C X 50	1.6	2.0	34.12	1722.88	2561.11
5123704	4C X 70	1.6	2.1	38.20	2412.03	3405.62
5123804	4C X 95	1.8	2.4	44.12	3273.48	4573.31
5124104	4C X 120	1.8	2.5	47.95	4134.92	5610.00
5124204	4C X 150	2.0	2.7	52.95	5168.65	6951.59
5124404	4C X 185	2.2	2.9	58.87	6374.66	8558.81
5124604	4C X 240	2.4	3.2	66.25	8269.83	10979.00
5124804	4C X 300	2.6	3.5	74.59	10337.29	13687.88
5124904	4C X 400	2.8	3.8	83.42	13783.06	17874.46

