

Siechem Multicore Solid Copper Conductor PVC Insulated Extruded or Wrapped Inner Sheathed Unarmoured and PVC Overall Sheath Cable Conforming to IS : 1554 (Part 1) - 1988.
Application

- ✓ Transmission and distribution of Power Industrial units
- ✓ Commercial and residential places
- ✓ Indoor and outdoor uses
- ✓ Cable ducts, cable trays conduits
- ✓ Direct burial and underground burial where mechanical damage risk for cables.

Features

- ✓ Enhanced mechanical, electrical, thermal and weathering properties.
- ✓ Soldering iron resistant
- ✓ Resistance to corona effect.
- ✓ Easy jointing & termination
- ✓ Better resistance to most chemicals & acids
- ✓ Low direct electric losses.
- ✓ High current carrying capacity.

Product Construction

- ✓ Conductor : Annealed Plain Solid Copper Conductor Complying with IS 8130-2013
- ✓ Insulation : PVC Type A Conforming to IS 5831-1984
- ✓ Innersheath : PVC ST1 (Optional - Wrapped with Tape)
- ✓ Jacket : PVC ST1 Conforming to IS 5832-1984 (Optional - FR & FRLS)

Technical Data

- ✓ Operating Temperature : +70°C
Optional : 85°C
- ✓ Short Circuit Temperature : 160°C
- ✓ Bending Radius (min) : 12 x Cable dia
- ✓ Rated Voltage : 1100 V
- ✓ Test Voltage : 3 kV for 5 mins.
- ✓ Specification : IS 1554

IS 1554 Pt.1  CM/L-6799006	ISO 9001	ISO 14001	ISO/TS 16949	OHSAS 18001			
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Part Number	Area	No. of Cores	Thickness of Insulation (Nom.)	Thickness of Innersheath (Nom.)	Unarmoured			Current Rating		Standard Length
					Minimum thickness of Outer Sheath	Approx. Overall Dia. of Cable	Approx. Weight of Cable	In Air	In Ground	
	Sq.mm	Nos	mm	mm	mm	mm	Kg/km	Amps	Amps	Mtrs.
140E1302	1.5	2	0.8	0.3	1.8	11.0	150	20	23	1000
140E1303	1.5	3	0.8	0.3	1.8	11.5	170	17	21	1000
140E1304	1.5	4	0.8	0.3	1.8	12.0	205	17	21	1000
140E1305	1.5	5	0.8	0.3	1.8	13.0	245	17	21	1000
140E1306	1.5	6	0.8	0.3	1.8	14.0	270	13	15	1000
140E1307	1.5	7	0.8	0.3	1.8	14.0	290	13	14	1000
140E1308	1.5	8	0.8	0.3	1.8	15.0	330	12	14	1000
140E1309	1.5	9	0.8	0.3	1.8	16.0	365	12	14	1000
140E1310	1.5	10	0.8	0.3	1.8	17.0	395	11	13	1000
140E1312	1.5	12	0.8	0.3	1.8	17.5	445	10	12	1000
140E1314	1.5	14	0.8	0.3	1.8	18.0	490	10	11	1000
140E1316	1.5	16	0.8	0.3	1.8	19.0	560	10	11	1000
140E1319	1.5	19	0.8	0.3	2.0	20.5	650	9	10	1000
140E1321	1.5	21	0.8	0.3	2.0	21.5	710	9	9	500
140E1324	1.5	24	0.8	0.3	2.0	23.5	790	8	9	500
140E1327	1.5	27	0.8	0.3	2.0	24.5	870	8	9	500
140E1330	1.5	30	0.8	0.3	2.0	25.5	950	8	9	500
140E1333	1.5	33	0.8	0.3	2.0	26.0	1030	7	8	500
140E1337	1.5	37	0.8	0.3	2.0	27.0	1130	7	8	500
140E1344	1.5	44	0.8	0.4	2.2	30.5	1300	6	7	500
140E1352	1.5	52	0.8	0.4	2.2	32.0	1550	6	7	500
140E1361	1.5	61	0.8	0.4	2.2	35.0	1760	6	6	500


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