

Siechem Multicore Solid Copper Conductor PVC Insulated Extruded Inner Sheathed Round Wire Armoured and PVC Overall Sheathed 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)
- ✓ Armour : GI Wire
- ✓ Jacket : PVC ST1 Conforming to IS 5831-1984 (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.)	Round Wire Armoured				Current Rating		Standard Length
					Nominal dimensions of Armour Wire	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	mm	Kg/km	Amps	Amps	Mtrs.
148ER1302	1.5	2	0.8	0.3	1.4	1.24	12.5	335	20	23	1000
148ER1303	1.5	3	0.8	0.3	1.4	1.24	13.0	375	17	21	1000
148ER1304	1.5	4	0.8	0.3	1.4	1.24	13.5	430	17	21	1000
148ER1305	1.5	5	0.8	0.3	1.4	1.24	14.5	485	17	21	1000
148ER1306	1.5	6	0.8	0.3	1.4	1.24	15.0	545	13	15	1000
148ER1307	1.5	7	0.8	0.3	1.4	1.24	15.0	570	13	14	1000
148ER1308	1.5	8	0.8	0.3	1.4	1.24	17.0	655	12	14	1000
148ER1309	1.5	9	0.8	0.3	1.4	1.24	18.0	720	12	14	1000
148ER1310	1.5	10	0.8	0.3	1.4	1.24	19.0	775	11	13	1000
148ER1312	1.5	12	0.8	0.3	1.6	1.24	20.0	900	10	12	1000
148ER1314	1.5	14	0.8	0.3	1.6	1.4	21.0	985	10	11	1000
148ER1316	1.5	16	0.8	0.3	1.6	1.4	22.0	1075	10	11	1000
148ER1319	1.5	19	0.8	0.3	1.6	1.4	23.0	1190	9	10	1000
148ER1321	1.5	21	0.8	0.3	1.6	1.4	24.0	1275	9	9	500
148ER1324	1.5	24	0.8	0.3	1.6	1.4	26.0	1440	8	9	500
148ER1327	1.5	27	0.8	0.3	1.6	1.4	26.5	1530	8	9	500
148ER1330	1.5	30	0.8	0.3	1.6	1.4	27.5	1640	8	9	500
148ER1333	1.5	33	0.8	0.3	1.6	1.56	28.5	1740	7	8	500
148ER1337	1.5	37	0.8	0.3	1.6	1.56	29.5	1880	7	8	500
148ER1344	1.5	44	0.8	0.4	2.0	1.56	33.5	2425	6	7	500
148ER1352	1.5	52	0.8	0.4	2.0	1.56	35.0	2700	6	7	500
148ER1361	1.5	61	0.8	0.4	2.0	1.56	37.0	3010	6	6	500


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