

Siechem Multicore Aluminium Solid Conductor PVC Insulated Extruded or Wrapped Inner Sheathed Unarmoured 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 : Aluminium Solid 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 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

							
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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.
154E1602	2.5	2	0.9	0.3	1.8	12.5	190	27	32	1000
154E1603	2.5	3	0.9	0.3	1.8	13.0	225	24	27	1000
154E1604	2.5	4	0.9	0.3	1.8	14.0	275	24	27	1000
154E1605	2.5	5	0.9	0.3	1.8	15.0	325	24	27	1000
154E1606	2.5	6	0.9	0.3	1.8	16.0	380	18	21	1000
154E1607	2.5	7	0.9	0.3	1.8	16.0	415	17	20	1000
154E1608	2.5	8	0.9	0.3	1.8	18.0	160	17	20	1000
154E1609	2.5	9	0.9	0.3	1.8	19.0	510	16	19	1000
154E1610	2.5	10	0.9	0.3	1.8	20.0	560	15	18	1000
154E1612	2.5	12	0.9	0.3	2.0	21.0	660	14	17	1000
154E1614	2.5	14	0.9	0.3	2.0	22.0	740	13	16	1000
154E1616	2.5	16	0.9	0.3	2.0	23.0	845	12	15	1000
154E1619	2.5	19	0.9	0.3	2.0	24.0	975	12	14	1000
154E1621	2.5	21	0.9	0.3	2.0	25.0	1055	12	14	500
154E1624	2.5	24	0.9	0.3	2.0	28.0	1200	11	13	500
154E1627	2.5	27	0.9	0.3	2.0	29.0	1315	10	12	500
154E1630	2.5	30	0.9	0.3	2.0	30.0	1420	10	12	500
154E1633	2.5	33	0.9	0.4	2.2	32.0	1610	10	12	500
154E1637	2.5	37	0.9	0.4	2.2	33.0	1750	9	11	500
154E1644	2.5	44	0.9	0.4	2.2	37.0	2080	9	10	500
154E1652	2.5	52	0.9	0.4	2.2	38.0	2380	8	10	500
154E1661	2.5	61	0.9	0.4	2.4	41.0	2780	8	9	500

