



**Siechem Multicore Solid Copper Conductor PVC Insulated Extruded or Wrapped Inner Sheathed Armoured and Flat Strip Armoured 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 Strip
- ✓ 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  C/M/L-6799006	<b>ISO 9001</b>	<b>ISO 14001</b>	<b>ISO/TS 16949</b>	<b>OHSAS 18001</b>			
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Part Number	Area	No. of Cores	Thickness of Insulation (Nom.)	Thickness of Innersheath (Nom.)	Flat Strip Armoured				Current Rating		Standard Length
					Nominal dimensions of Armour Strip	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.
148EF1310	1.5	10	0.8	0.3	4 x 0.80	1.4	18.0	650	11	13	1000
148EF1312	1.5	12	0.8	0.3	4 x 0.80	1.4	18.5	695	10	12	1000
148EF1314	1.5	14	0.8	0.3	4 x 0.80	1.4	19.0	775	10	11	1000
148EF1316	1.5	16	0.8	0.3	4 x 0.80	1.4	20.0	825	10	11	1000
148EF1319	1.5	19	0.8	0.3	4 x 0.80	1.4	21.0	925	9	10	1000
148EF1321	1.5	21	0.8	0.3	4 x 0.80	1.4	22.0	1000	9	9	500
148EF1324	1.5	24	0.8	0.3	4 x 0.80	1.4	24.5	1120	8	9	500
148EF1327	1.5	27	0.8	0.3	4 x 0.80	1.4	25.0	1220	8	9	500
148EF1330	1.5	30	0.8	0.3	4 x 0.80	1.4	25.5	1320	8	9	500
148EF1333	1.5	33	0.8	0.3	4 x 0.80	1.4	26.5	1420	7	8	500
148EF1337	1.5	37	0.8	0.3	4 x 0.80	1.4	27.5	1520	7	8	500
148EF1344	1.5	44	0.8	0.4	4 x 0.80	1.56	31.0	1825	6	7	500
148EF1352	1.5	52	0.8	0.4	4 x 0.80	1.56	32.5	2040	6	7	500
148EF1361	1.5	61	0.8	0.4	4 x 0.80	1.56	34.5	2290	6	6	500

