

Siechem Multicore Stranded 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 Stranded 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  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.)	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.
149EF1310	1.5	10	0.8	0.3	4 x 0.80	1.40	18.5	680	11	13	1000
149EF1312	1.5	12	0.8	0.3	4 x 0.80	1.40	19.0	730	10	12	1000
149EF1314	1.5	14	0.8	0.3	4 x 0.80	1.40	19.5	810	10	11	1000
149EF1316	1.5	16	0.8	0.3	4 x 0.80	1.40	20.5	880	10	11	1000
149EF1319	1.5	19	0.8	0.3	4 x 0.80	1.40	21.5	990	09	10	1000
149EF1321	1.5	21	0.8	0.3	4 x 0.80	1.40	22.5	1050	09	09	500
149EF1324	1.5	24	0.8	0.3	4 x 0.80	1.40	25.0	1190	08	09	500
149EF1327	1.5	27	0.8	0.3	4 x 0.80	1.40	25.5	1290	08	09	500
149EF1330	1.5	30	0.8	0.3	4 x 0.80	1.40	26.5	1370	08	09	500
149EF1333	1.5	33	0.8	0.3	4 x 0.80	1.40	27.5	1500	07	08	500
149EF1337	1.5	37	0.8	0.3	4 x 0.80	1.40	28.5	1600	07	08	500
149EF1344	1.5	44	0.8	0.4	4 x 0.80	1.56	32.0	1900	06	07	500
149EF1352	1.5	52	0.8	0.4	4 x 0.80	1.56	33.5	2140	06	07	500
149EF1361	1.5	61	0.8	0.4	4 x 0.80	1.56	35.5	2370	06	06	500



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