

Siechem Multicore Aluminium Solid 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 : Aluminium Solid 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.
162EF1608	2.5	8	0.9	0.3	4 x 0.80	1.4	18.5	730	17	20	1000
162EF1609	2.5	9	0.9	0.3	4 x 0.80	1.4	20.0	810	16	19	1000
162EF1610	2.5	10	0.9	0.3	4 x 0.80	1.4	20.5	870	15	18	1000
162EF1612	2.5	12	0.9	0.3	4 x 0.80	1.4	21.0	970	14	17	1000
162EF1614	2.5	14	0.9	0.3	4 x 0.80	1.4	22.0	1000	13	16	1000
162EF1616	2.5	16	0.9	0.3	4 x 0.80	1.4	23.0	1160	12	15	1000
162EF1619	2.5	19	0.9	0.3	4 x 0.80	1.4	24.0	1300	12	14	1000
162EF1621	2.5	21	0.9	0.3	4 x 0.80	1.4	25.0	1440	12	14	500
162EF1624	2.5	24	0.9	0.3	4 x 0.80	1.4	28.5	1625	11	13	500
162EF1627	2.5	27	0.9	0.3	4 x 0.80	1.4	29.0	1745	10	12	500
162EF1630	2.5	30	0.9	0.3	4 x 0.80	1.56	30.0	1900	10	12	500
162EF1633	2.5	33	0.9	0.4	4 x 0.80	1.56	31.5	2060	10	12	500
162EF1637	2.5	37	0.9	0.4	4 x 0.80	1.56	32.5	2245	9	11	500
162EF1644	2.5	44	0.9	0.4	4 x 0.80	1.56	36.5	2600	9	10	500
162EF1652	2.5	52	0.9	0.4	4 x 0.80	1.56	38.0	2940	8	10	500
162EF1661	2.5	61	0.9	0.4	4 x 0.80	1.72	40.5	3400	8	9	500

