



Siechem Soft Drawn Bare Copper Conductors - SDBC

Application

- ✓ Ground Conductor, Hook up Wires and Jumpers.
- ✓ Lightning Protection and Earthing Systems.

Product Construction

- ✓ Conductor : Annealed Plain Circular Stranded Copper Conductor
- ✓ Construction : Class 2 as per IEC/EN 60228

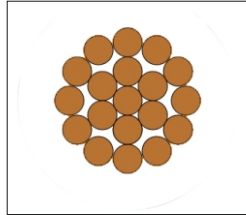
Technical Data

- ✓ Specification: IEC/EN 60228, IEC/EN 62561-2
- ✓ Tensile Strength : 200-450 N/mm²
- ✓ Max. Electrical Resistivity : 0.018 Ohm mm²/m
- ✓ Min. Conductivity : 55.56 m/Ohm mm²

Features

- ✓ Good conductivity
- ✓ Good corrosion resistance
- ✓ Recyclable and hygienic
- ✓ Creep resistance
- ✓ Higher ductility
- ✓ Higher thermal conductivity
- ✓ Complies Protection against Lightning as per IEC/EN 62305
- ✓ Complies Lightning Protection System Component (LPSC) requirement for conductors and earth electrodes as per IEC/EN 62561-2 : 2018

2D View



ISO 9001	ISO 14001	IATF 16949	OHSAS 18001
ISO 45001	AS 9100		

Part Number	Conductor Construction				Max. Conductor Resistance at 20°C	Current Rating in Free air	Weight Approx.	Standard Package m ± 10 %
	Size	No. of Strands	Strand dia Nom.	Conductor Diameter Approx.				
	Sq.mm	Nos.	mm	mm	Ω/km	Amps	kg/km	m
APC227	10	7	1.35	4.05	1.83	90	85	2000
APC228	16	7	1.7	5.0	1.15	125	135	2000
APC230	25	7	2.14	6.1	0.734	160	210	2000
APC232	35	7	2.52	7.5	0.524	200	295	2000
APC234	50	19	1.78	8.6	0.387	250	425	1000
APC237	70	19	2.14	10.2	0.268	310	595	1000
APC238	95	19	2.52	12.0	0.193	380	810	1000
APC241	120	37	2.03	13.5	0.153	440	1020	1000
APC242	150	37	2.25	15.0	0.124	510	1275	1000
APC244	185	37	2.52	16.8	0.0991	585	1575	1000
APC246	240	61	2.25	19.2	0.0754	700	2045	1000
APC248	300	61	2.52	22.0	0.0601	800	2555	1000
APC249	400	61	2.85	25.0	0.0470	900	3400	500
APC250	500	61	3.20	28.8	0.0366	1110	4260	500



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