

Product Specifications



COPPER CLAD STEEL CONDUCTOR (CCS)

Standard

- ASTMB227
- ASTMB452
- ASTM B910

Construction

- Concentrically stranded 20% conductivity , 30%conductivity, 40%conductivity

Application

- Military strand conductors, Phone-home lines, Coaxial cable(CATV Line) core wires, Overhead wires in transmission and communication, Network cable, computer cable, Electrified railway, Rail transit with the load carriercord. Electronic components plug cables, automotive cables, filament lead. Power, communications, computer room shielding network

Product Data Sheet-CCS									
Cross Section	Conductor Size		Nominal Inches	Diameter mm	Average breaking load				Weight
					40% Conductivity		30% Conductivity		
mm ²	AWG				Pounds	KN	Pounds	KN	Kg/Km
19-Wire Strand									
318.71	19	No 5	0.91	23.11	24700	109.9	29600	131.7	2529.7
252.71	19	No 6	0.81	20.57	19600	87.2	23500	104.5	2087.7
200.45	19	No 7	0.721	18.31	15500	69	18600	82.7	1656.2
158.97	19	No 8	0.642	16.31	12300	54.7	14800	65.8	1313.5
126.06	19	No 9	0.572	14.53	9770	43.5	11700	52	1041.6
7-Wire Strand									
148.04	7	No 4	0.613	15.57	11500	51.2	13800	61.4	1218.6
117.42	7	No 5	0.546	13.87	9100	40.5	10900	48.5	966.4



Product Specifications

93.1	7	No 6	0.486	12.34	7210	32.1	8660	38.5	766.4
73.87	7	No 7	0.433	11	5730	25.5	6870	30.6	607.8
68.65	7	No 8	0.385	9.78	4540	20.2	5450	24.2	482
46.44	7	No 9	0.343	8.71	3600	16	4320	19.2	382.3
36.83	7	No 10	0.306	7.77	2850	12.7	3420	15.2	303.1
Solid Wire									
33.62		No.2	0.258	6.54	2350	10.5	2610	11.6	274.1
21.15		No.4	0.204	5.19	1480	6.9	1640	7.3	172.3
13.3		No.6	0.162	4.11	930	4.1	1030	4.6	108.4