



6x7 Galvanized Aircraft Cable Technical Data Quick Checklist

Production Name: 6X7 Steel Core Wire Rope

Material: Galvanized Steel

Quality Standard: EN Standard 12385

Tensile Strength: 1570/1770/1960 N/mm²

Total Strands Number: 7

Total Wires Number: 36

Metallic Core Type: WSC or IWRC

Nominal Diameter	Approximate Mass/IWS Wire	Minimum Breaking Loads– 1570Mpa	Minimum Breaking Loads– 1770Mpa	Minimum Breaking Loads– 1960Mpa
mm	kg/100m	WSC, IWR Core/KN	WSC, IWR Core/KN	WSC, IWR Core/KN
1.2	0.557	0.81	0.91	1
2	1.55	2.25	2.54	2.81
3	3.48	5.07	5.71	6.33
4	6.19	9.01	10.1	11.2
5	9.68	14	15.8	17.6
6	13.9	20.2	22.8	25.3
7	19	27.6	31.1	34.4
8	24.8	36	40.6	45
9	31.3	45.6	51.4	56.9
10	38.7	56.3	63.5	70.3
11	46.8	68.1	76.8	85.1
12	55.7	81.1	91.5	101
13	65.4	95.2	107	118
14	75.9	110	124	138
16	99.1	144	162	180
18	125	182	205	228

20	155	225	254	281
22	197	272	307	340
24	223	324	366	405
26	262	381	429	475
28	303	441	498	551
30	348	507	571	633
32	396	577	650	720
34	447	651	734	813
36	502	730	823	912
38	559	813	917	1016
40	619	901	1016	1125
42	682	994	1120	1241
44	749	1091	1230	1362
46	818	1192	1344	1488
48	891	1298	1354	1621

2



6x19 Galvanized Aircraft Cable Technical Data Quick

Production Name: 6x19 Standard Steel Core Wire Rope

Material: Galvanized Steel

Construction Standard: DIN 3060 Standard (1+6+12)

Tensile Strength: 1570/1770/1960 N/mm²

Total Strands Number: 6

Total Wires Number: 114

Metallic Core Type: WSC or IWRC

Outer wires number: 12

TO BE CONTINUED

RMC

Nominal Diameter	Approximate Mass/IWS Wire	Minimum Breaking Loads– 1570Mpa	Minimum Breaking Loads– 1770Mpa	Minimum Breaking Loads– 1960Mpa
mm	kg/100m	WSC, IWR Core/KN	WSC, IWR Core/KN	WSC, IWR Core/KN
3	3.43	4.69	5.29	5.85
4	6.1	8.34	9.4	10.4
5	9.53	13	14.7	16.2
6	13.7	18.8	21.2	23.4
7	18.7	25.5	28.8	31.8
8	24.4	33.4	22.8	41.6
9	30.9	42.2	37.6	52.7
10	38.1	52.1	47.6	65
11	46.1	63.1	58.8	78.7
12	54.9	75.1	71.1	93.7
13	64.4	88.1	84.6	110
14	74.7	102	99.3	127
16	97.5	133	115	166
18	123	169	150	210
20	152	208	190	260
22	184	252	235	315
24	219	300	284	374
26	258	352	338	440
28	299	409	397	510
30	343	469	461	585
32	390	534	529	666
34	440	603	602	752
36	494	676	679	843
38	550	753	762	940
40	610	834	849	1041
42	672	919	940	1147
44	738	1010	1040	1260
46	806	1100	1140	1376

Contact with our sales freely for any further questions.
We are 24/7 Available just to be supportive for our businesss!