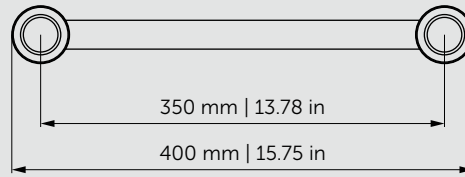


SPECIFICATIONS

Tubes	50 x 2 mm (1.97 x 0.08 in)
Braces	25 x 3 mm (0.98 x 0.12 in)
Alloy	EN AW-6082 T6



LOADING TABLES

		2 m	4 m	6 m	8 m	10 m	12 m	14 m	16 m
UDL [kg/m]		756	243	109	61	39	27	19	14
Deflection [mm]		1.2	6.4	14.7	26.7	42.7	63	87.8	115.3
CPL [kg]		756	486	327	245	195	161	135	113
Deflection [mm]		1	5.1	11.8	21.6	34.8	51.8	72.9	96.7
		6.56 ft	13.12 ft	19.68 ft	26.24 ft	32.81 ft	39.37 ft	45.93 ft	52.49 ft
UDL [lbs/ft]		508.1	163.3	73.3	41	26.2	18.1	12.8	9.4
Deflection [in]		0.05	0.3	0.6	1.1	1.7	2.5	3.5	4.5
CPL [lbs]		1667	1071.6	721	540.2	430	355	297.7	249.2
Deflection [in]		0.04	0.2	0.5	0.9	1.4	2	2.9	3.8

Loading tables are valid for static loads and spans with two supporting points.

Spans must be supported at each end.

Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.

The listed loads are verified for simply supported beam.

The truss needs to be secured against horizontal movement every 1 m for the loading tables to be valid.

STRAIGHT SEGMENT LENGTHS

Code	Length		Weight	
FT42-50	0.5 m	1.64 ft	1.95 kg	4.29 lbs
FT42-100	1 m	3.28 ft	3.20 kg	7.05 lbs
FT42-150	1.5 m	4.92 ft	4.34 kg	9.58 lbs
FT42-200	2 m	6.56 ft	5.45 kg	12.02 lbs
FT42-250	2.5 m	8.20 ft	6.58 kg	14.52 lbs
FT42-300	3 m	9.84 ft	7.81 kg	17.21 lbs
FT42-350	3.5 m	11.48 ft	8.92 kg	19.67 lbs
FT42-400	4 m	13.12 ft	10.09 kg	22.25 lbs
FT42-450	4.5 m	14.76 ft	11.17 kg	24.63 lbs
FT42-500	5 m	16.40 ft	12.39 kg	27.31 lbs

