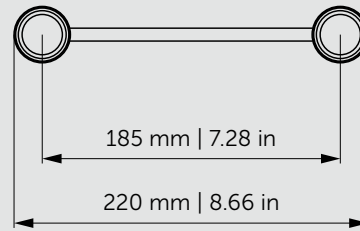


SPECIFICATIONS

Tubes	35 x 2 mm (1.38 x 0.08 in)
Braces	8 mm (0.31 in)
Alloy	EN AW-6060 T66



LOADING TABLES

		2 m	3 m	4 m	6 m	8 m	10 m
UDL [kg/m]		101	67	48	21	11	7
Deflection [mm]		0.9	2.9	6.6	15.5	27.7	43.6
CPL [kg]		196	129	96	63	44	33
Deflection [mm]		1.3	3	5.4	12.6	22.9	36.7
		6.56 ft	9.84 ft	13.12 ft	19.68 ft	26.24 ft	32.81 ft
UDL [lbs/ft]		67.9	45	32.3	14.1	7.4	4.7
Deflection [in]		0.04	0.1	0.3	0.6	1.1	1.7
CPL [lbs]		432.2	284.4	211.7	138.9	97	72.8
Deflection [in]		0.1	0.1	0.2	0.5	0.9	1.4

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.

STRAIGHT SEGMENT LENGTHS

Code	Length		Weight	
FT22-50	0.5 m	1.64 ft	0.8 kg	1.79 lbs
FT22-100	1 m	3.28 ft	1.5 kg	3.22 lbs
FT22-150	1.5 m	4.92 ft	2.1 kg	4.70 lbs
FT22-200	2 m	6.56 ft	2.8 kg	6.17 lbs
FT22-250	2.5 m	8.20 ft	3.5 kg	7.61 lbs
FT22-300	3 m	9.84 ft	4.1 kg	9.06 lbs
FT22-350	3.5 m	11.48 ft	4.6 kg	10.23 lbs
FT22-400	4 m	13.12 ft	5.4 kg	12.00 lbs

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.

