

SPECIFICATIONS

TUBES	35x2 (1.4 x 0.08inch)
BRACES	8mm (0.3inch)
ALLOY	EN-AW 6060 T66



STRAIGHT SEGMENT LENGTHS

CODE	LENGTH		WEIGHT	
FT23-50	0.5m	1.64ft	1.4kg	3.04lb
FT23-75	0.75m	2.46ft	2.1kg	4.58lb
FT23-100	1m	3.28ft	2.5kg	5.50lb
FT23-125	1.25m	4.10ft	3.2kg	6.97lb
FT23-150	1.5m	4.92ft	3.6kg	7.96lb
FT23-200	2m	6.56ft	4.8kg	10.54lb
FT23-250	2.5m	8.20ft	5.9kg	12.99lb
FT23-300	3m	9.84ft	7.0kg	15.46lb
FT23-325	3.25m	10.66ft	7.8kg	17.22lb
FT23-350	3.5m	11.48ft	8.2kg	18.12lb
FT23-375	3.75m	12.30ft	8.9kg	19.71lb
FT23-400	4m	13.12ft	9.3kg	20.47lb

LOADING TABLES

	2m	3m	4m	6m	8m	10m
Distrib. Load [kg/m]	175	114	64	27	14	8
Deflection [mm]	1.5	4.9	8.9	20.1	36	56.8
Point load [kg]	262	171	127	81	56	41
Deflection [mm]	1.8	4	7.2	16.5	30	48.3
	6.56ft	9.84ft	13.12ft	19.68ft	26.24ft	32.81ft
Distrib. Load [lb/ft]	117.6	76.6	43	18.1	9.4	5.4
Deflection [inch]	0.1	0.2	0.4	0.8	1.4	2.2
Point load [lb]	577.7	377.1	280	178.6	123.5	90.4
Deflection [inch]	0.1	0.2	0.3	0.6	1.2	1.9

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.

CORNERS

FT23-C19

3.5kg (7.64lb)
 2-way 45° corner
 1m (3.28ft)


FT23-C20

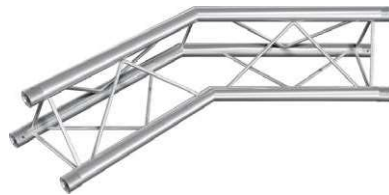
3.8kg (8.39lb)
 2-way 60° corner
 1m (3.28ft)


FT23-C21

2.0kg (4.45lb)
 2-way 90° corner apex up/down
 0.5m (1.64ft)


FT23-C22

2.2kg (4.80lb)
 2-way 120° corner
 0.5m (1.64ft)


FT23-C23

2.2kg (4.80lb)
 2-way 135° corner
 0.5m (1.64ft)


FT23-C24

1.9kg (4.29lb)
 2-way 90° apex out
 0.5m (1.64ft)


FT23-C24-R

1.9kg (4.10lb)
 2-way 90° corner apex out rounded
 0.5m (1.64ft)


FT23-C25




2.2kg (4.81lb)
 2-way 90° corner apex in
 0.5m (1.64ft)


FT23-C25-R

2.0kg (7.09lb)
 2-way 90° corner apex in rounded
 0.5m (1.64ft)






FT23-C30

 3.2 kg (7.09lb)
 3-way 90° corner apex down universal
 0.5m (1.64ft)






FT23-C31

 2.9kg (6.34lb)
 3-way 90° corner apex up right
 0.5m (1.64ft)






FT23-C32

 2.9kg (6.34lb)
 3-way 90° corner apex up left
 0.5m (1.64ft)






FT23-C33

 3.0kg (6.58lb)
 3-way 90° corner apex down right
 0.5m (1.64ft)






FT23-C34

 3.0kg (6.58lb)
 3-way 90° corner apex down left
 0.5m (1.64ft)






FT23-T35

 2.5kg (5.49lb)
 3-way vertical T-junction apex down
 0.5m (1.64ft)






FT23-T36

 2.1kg (4.65lb)
 3-way horizontal T-junction
 0.5m (1.64ft)






FT23-T37

 2.2kg (4.83lb)
 3-way vertical T-junction apex up
 0.5m (1.64ft)



FT23-T38

 2.3kg (5.03lb)
 3-way vertical T-junction apex down
 0.5m (1.64ft)


FT23-T39

2.2kg (4.83lb)
 3-way vertical T-junction
 0.5m (1.64ft)


FT23-C41

2.4kg (5.22lb)
 4-way cross junction
 0.5m (1.64ft)


FT23-T42

3.1kg (6.82lb)
 4-way T-junction apex down
 0.5m (1.64ft)


FT23-T43

3.0kg (6.55lb)
 4-way T-junction apex up
 0.5m (1.64ft)


FT23-C44

3.2kg (6.95lb)
 4-way 90° corner right
 0.5m (1.64ft)


FT23-C45

3.2kg (6.95lb)
 4-way 90° corner left
 0.5m (1.64ft)


FT23-T51

3.2kg (7.15lb)
 5-way T-junction apex down
 0.5m (1.64ft)

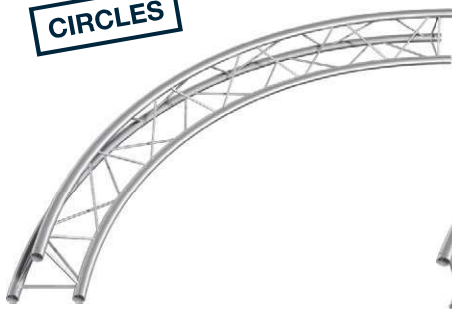

FT23-C52

3.4kg (7.45lb)
 5-way cross junction apex up
 0.5m (1.64ft)


FT23-C53

3.3kg (7.32lb)
 5-way cross junction apex down
 0.5m (1.64ft)

CIRCLES



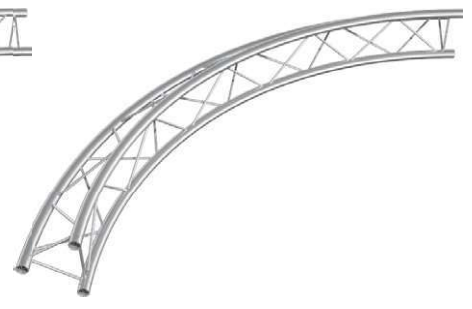
FT23-C1

apex up/down



FT23-C2

apex in



FT23-C3

apex out

Various types of colored powder coating are available for any type of trussing line. Available in RAL range. See samples below.

