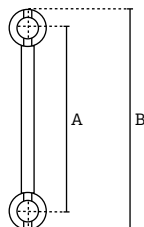


JT30H DUO

- High quality 48 mm (1 7/8") heavy-duty aluminium tubes
- Versatile system widely used for PA Towers, Rigging Towers and Roofs
- Conical connectors for quick, simple and secure assembly
- Anti-twist end brace for extreme durability
- Extended free-span (up to 20 m / 65') and loading characteristics
- Compatible with JTCELL200 / 400 / 500 / 600 series cell clamps
- Compatible with Xtruss accessories
- Powder coat colour finish available on request



Code:		2CF30H
Main Chords:	mm in	48x3 (1 7/8"x7/64")
Diagonals:	mm in	16x2 (5/8"x3/32")
Alloy:		EN - AW-6082 T6
A	mm in	239 (9 13/32")
B	mm in	287 (11 21/64")
Coupler:		CCF

Standard lengths and weights

Code	2CF30H-L500	2CF30H-L1000	2CF30H-L1500	2CF30H-L2000	2CF30H-L2500	2CF30H-L3000	2CF30H-L4000	2CF30H-L5000
m ft	0.50 (1' 8")	1.00 (3' 3")	1.50 (4' 11")	2.00 (6' 7")	2.50 (8' 2")	3.00 (9' 10")	4.00 (13' 1")	5.00 (16' 5")
kg lbs	1.70 (3.75)	3.00 (6.62)	4.3 (9.48)	5.5 (12.13)	6.8 (14.99)	8.1 (17.86)	10.7 (23.59)	13.2 (29.11)

Loading chart

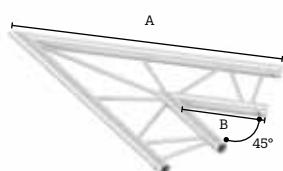
Span	Uniformly Distributed load		Centre Point load		Third Point load		Quarter Point load		5th Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
3	285.8	3.4	857.4	5.5	428.7	4.7	285.8	4.3	214.3	4.2
4	213.5	8.2	723	11	427.1	11.1	284.7	10.3	213.5	9.8
5	170.2	15.9	595	17.8	421	21.4	283.7	20.1	212.7	19.2
6	141.3	27.6	504	26.3	362	32	263	32.3	211.9	33.2
7	120.6	43.8	434	36.2	315	44.5	224	44.1	183	45.8
8	99.2	61.8	381	47.9	277	58.8	194	57.7	160	60.4
9	77.7	78.3	336	60.9	249	76.1	173	73.8	143	77.3
10	62.3	96.7	302	76.2	222	94.1	154	91.3	127	95.6
11	50.9	117.2	272	92.6	202	115.1	139	110.6	114	115.8
12	42.3	139.6	246	110.8	185	138.5	126	131.9	104	138

Span	Uniformly Distributed load		Centre Point load		Third Point load		Quarter Point load		5th Point load	
ft	lbs/ft	in	lbs	in	lbs (2x)	in	lbs (3x)	in	lbs (4x)	in
9' 10"	192.05	1/8"	576.14	13/64"	288.07	11/64"	192.05	5/32"	144.00	5/32"
13' 1"	143.46	5/16"	485.83	27/64"	287.00	27/64"	191.31	25/64"	143.46	3/8"
16' 5"	114.37	5/8"	399.82	11/16"	282.90	53/64"	190.64	25/32"	142.93	3/4"
19' 8"	94.95	1 5/64"	338.67	1 1/32"	243.25	1 1/4"	176.73	1 17/64"	142.39	1 19/64"
22' 12"	81.04	1 23/32"	291.63	1 27/64"	211.67	1 3/4"	150.52	1 47/64"	122.97	1 51/64"
26' 3"	66.66	2 27/64"	256.02	1 7/8"	186.13	2 5/16"	130.36	2 17/64"	107.51	2 3/8"
29' 6"	52.21	3 5/64"	225.78	2 25/64"	167.32	2 63/64"	116.25	2 57/64"	96.09	3 1/32"
32' 10"	41.86	3 51/64"	202.93	3"	149.18	3 45/64"	103.48	3 19/32"	85.34	3 3/4"
36' 1"	34.20	4 39/64"	182.77	3 41/64"	135.74	4 17/32"	93.40	4 11/32"	76.60	4 35/64"
39' 4"	28.42	5 31/64"	165.30	4 23/64"	124.31	5 7/16"	84.67	5 3/16"	69.88	5 27/64"

DUO figures are based on use in vertical mode and stabilized every 1 m (3' 3")

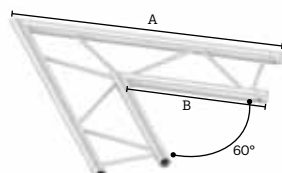
All truss loading calculations and TUV certifications are based on:

Truss supported or suspended at both ends • Static loadings only • Loads applied in the node points • Self-weight of the truss included • Spans made of different truss lengths • Interaction of bending moment and shear force at connector is considered • Structural calculations are based on EN 1991, EN 1993 and EN 1999 • All loading data should be multiplied by 0.85 to comply with BS 7905-2 / ANSI E1.2-2006 / CWA 15902-2 / prEN 17115 • For any other application, or in case of an assembled structure contact JTE or a structural engineer • Included safety factors: self-weight 1.35 / loading 1.50



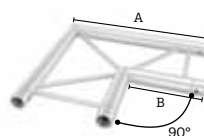
2 way horizontal corner 45°

Code	kg	lbs	mm	in
2CF30H-JH19	3.9	(8.60)	A 1000	(39 23/64")
			B 300	(11 51/64")



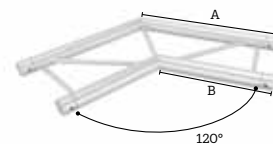
2 way horizontal corner 60°

Code	kg	lbs	mm	in
2CF30H-JH20	4.3	(9.48)	A 1000	(39 23/64")
			B 498	(19 19/32")



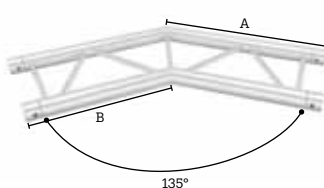
2 way horizontal corner 90°

Code	kg	lbs	mm	in
2CF30H-JH21	2.2	(4.85)	A 500	(19 43/64")
			B 210	(8 17/64")



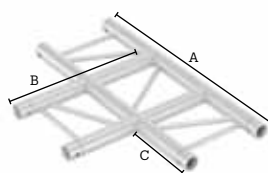
2 way horizontal corner 120°

Code	kg	lbs	mm	in
2CF30H-JH22	2.5	(5.51)	A 500	(19 43/64")
			B 333	(13 7/64")



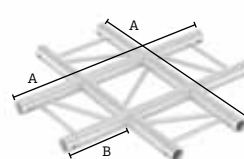
2 way horizontal corner 135°

Code	kg	lbs	mm	in
2CF30H-JH23	2.7	(5.95)	A 500	(19 43/64")
			B 380	(14 61/64")



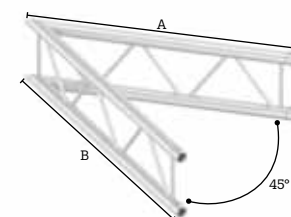
3 way horizontal T-piece

Code	kg	lbs	mm	in
2CF30H-JH25	3.4	(7.50)	A 710	(27 15/16")
			B 500	(19 43/64")
			C 210	(8 17/64")



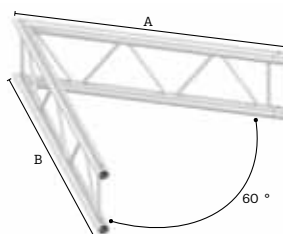
4 way horizontal cross piece

Code	kg	lbs	mm	in
2CF30H-JH41	4.2	(9.26)	A 710	(27 15/16")
			B 210	(8 17/64")



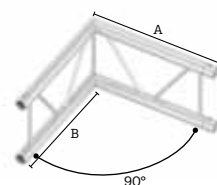
2 way vertical corner 45°

Code	kg	lbs	mm	in
2CF30H-JV19	5.4	(11.91)	A1000	(39 23/64")
			B 879	(34 19/32")



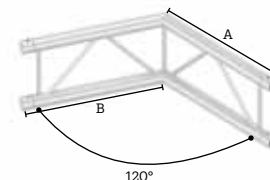
2 way vertical corner 60°

Code	kg	lbs	mm	in
2CF30H-JV20	5.4	(11.91)	A 1000	(39 23/64")
			B 913	(35 15/16")



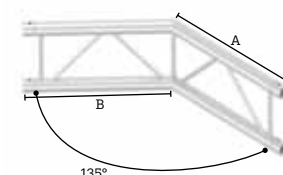
2 way vertical corner 90°

Code	kg	lbs	mm	in
2CF30H-JV21	2.9	(6.39)	A 500	(19 43/64")
			B 450	(17 45/64")



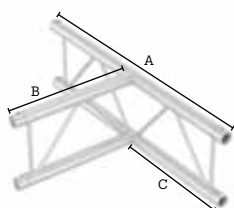
2 way vertical corner 120°

Code	kg	lbs	mm	in
2CF30H-JV22	2.9	(6.39)	A 500	(19 43/64")
			B 471	(18 17/32")



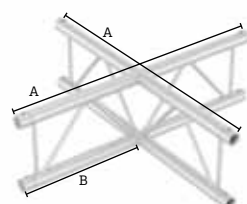
2 way vertical corner 135°

Code	kg	lbs	mm	in
2CF30H-JV23	3.0	(6.62)	A 500	(19 43/64")
			B 479	(18 27/32")



3 way vertical T-piece

Code	kg	lbs	mm	in
2CF30H-JV36	4.2	(9.26)	A 950	(37 25/64")
			B 500	(19 43/64")
			C 450	(17 45/64")



4 way vertical cross piece

Code	kg	lbs	mm	in
2CF30H-JV41	5.6	(12.35)	A 950	(37 25/64")
			B 450	(17 45/64")