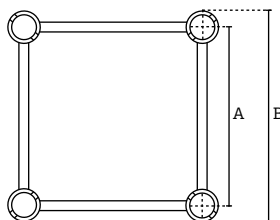


JT22 QUATRO

- Compact display system
- Lightweight, modular construction
- Impressive free span parameters for its size
- Compatible with JTCELL 130 series cell clamps
- Compatible with Xtruss accessories
- Powder coat colour finish available



Code:		4CM22
Main Chords:	mm in	32x1.5 (1 1/4"x3/64")
Diagonals:	mm in	10x1.5 (25/64"x3/64")
Alloy:		EN-AW-6082 T6
A	mm in	190 (7 15/32")
B	mm in	222 (8 47/64")
Coupler:		CCM

Standard lengths and weights

Code	4CM22-L500	4CM22-L1000	4CM22-L1500	4CM22-L2000	4CM22-L2500	4CM22-L3000	4CM22-L4000
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")
kg lbs	1.8 (3.86)	3.0 (6.62)	4.6 (10.03)	6.0 (13.23)	7.5 (16.54)	9.1 (20.07)	12.3 (27.08)

Loading chart

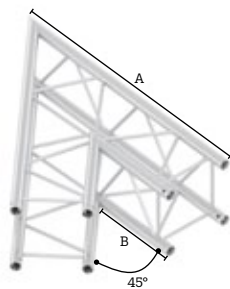
Span m	Uniformly Distributed load		Centre Point load		Third Point load		Quarter Point load		5th Point load	
	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
3	171.7	4.9	276*	4.2	180*	4.7	141*	5.1	116*	5.3
4	128.2	11.6	221*	8.1	150*	9.3	119*	10.3	95*	10.5
5	81.4	18.2	181*	13.1	127*	15.5	98*	16.6	78*	16.9
6	55.9	26.2	153*	19.4	109*	23.5	81*	24.3	66*	24.9
7	40.5	35.8	132*	27.1	95*	32.7	69*	33.4	56*	34.3
8	30.5	46.8	115*	36.1	83*	43.8	60*	43.8	49*	45.4
9	23.6	59.3	101*	46.4	74*	56.7	52*	55.6	43*	58.2
10	18.7	73.4	89*	57.8	66*	70.9	46*	69.6	38*	72
11	15.1	89.1	80*	71.3	59*	86.9	41*	84.5	34*	88.1
12	12.3	106.3	71*	85.7	54*	105.5	37*	101	30*	105.2

Span ft	Uniformly Distributed load		Centre Point load		Third Point load		Quarter Point load		5th Point load	
	lbs/ft	in	lbs	in	lbs (2x)	in	lbs (3x)	in	lbs (4x)	in
9' 10"	115.38	3/16"	608.58*	5/32"	396.90*	11/64"	310.91*	3/16"	255.78*	13/64"
13' 1"	86.15	29/64"	487.31*	5/16"	330.75*	23/64"	262.40*	25/64"	209.48*	13/32"
16' 5"	54.70	45/64"	39.69*	33/64"	280.04*	39/64"	216.09*	41/64"	171.99*	21/32"
19' 8"	37.56	1 1/32"	337.37*	3/4"	240.35*	59/64"	178.61*	61/64"	145.53*	31/32"
22' 12"	27.21	1 13/32"	291.06*	1 1/16"	209.48*	1 9/32"	152.15*	1 5/16"	123.48*	1 11/32"
26' 3"	20.50	1 53/64"	253.58*	1 13/32"	183.02*	1 23/32"	132.30*	1 23/32"	108.05*	1 25/32"
29' 6"	15.86	2 21/64"	222.71*	1 13/16"	163.17*	2 7/32"	114.66*	2 3/16"	94.82*	2 9/32"
32' 10"	12.57	2 7/8"	196.25*	2 17/64"	145.53*	2 25/32"	101.43*	2 47/64"	83.79*	2 53/64"
36' 1"	10.15	3 1/2"	176.40*	2 51/64"	130.10*	3 13/32"	90.41*	3 5/16"	74.97*	3 29/64"
39' 4"	8.27	4 11/64"	156.56*	3 23/64"	119.07*	4 9/64"	81.59*	3 31/32"	66.15*	4 9/64"

* limited by interaction of shear and moment at the connection

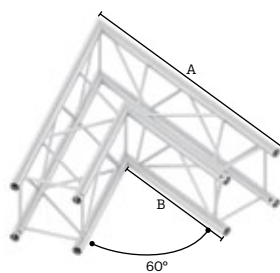
All truss loading calculations and TUV certifications are based on:

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



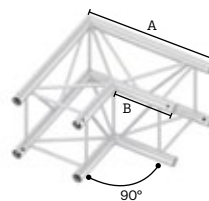
2 way corner 45°

Code	kg	lbs	mm	in
4CM22-J19	2.5	(5.51)	A 800	(31 31/64")
			B 264	(10 25/64")



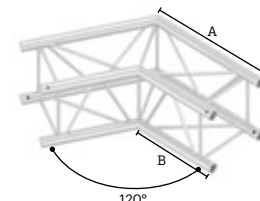
2 way corner 60°

Code	kg	lbs	mm	in
4CM22-J20	2.0	(4.41)	A 600	(23 39/64")
			B 215	(8 29/64")



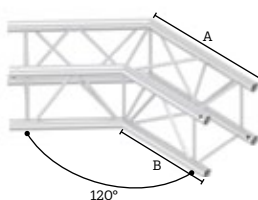
2 way corner 90°

Code	kg	lbs	mm	in
4CM22-J21	1.5	(3.31)	A 400	(15 47/64")
			B 178	(7")



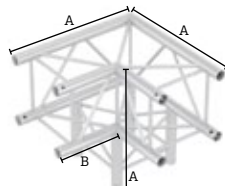
2 way corner 120°

Code	kg	lbs	mm	in
4CM22-J22	1.7	(3.75)	A 400	(15 47/64")
			B 272	(10 45/64")



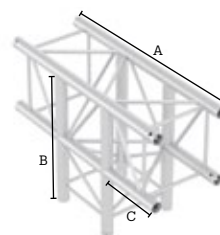
2 way corner 135°

Code	kg	lbs	mm	in
4CM22-J23	1.8	(3.97)	A 400	(15 47/64")
			B 308	(12 1/8")



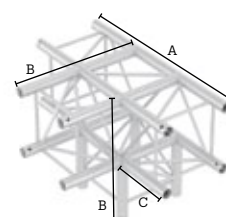
3 way corner 90°

Code	kg	lbs	mm	in
4CM22-J30	2.0	(4.41)	A 400	(15 47/64")
			B 179	(7 3/64")



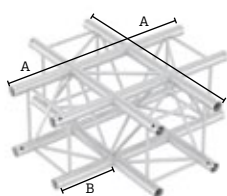
3 way T-piece

Code	kg	lbs	mm	in
4CM22-J35	2.0	(4.41)	A 578	(22 3/4")
			B 400	(15 47/64")
			C 179	(7")



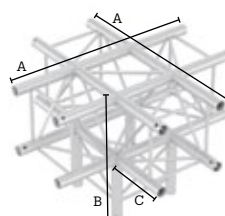
4 way T-piece leg down

Code	kg	lbs	mm	in
4CM22-J40	2.5	(5.51)	A 578	(22 3/4")
			B 400	(15 47/64")
			C 179	(7")



4 way cross piece

Code	kg	lbs	mm	in
4CM22-J41	2.5	(5.51)	A 578	(22 3/4")
			B 179	(7 3/64")



5 way T-piece

Code	kg	lbs	mm	in
4CM22-J51	3.0	(6.61)	A 578	(22 3/4")
			B 400	(15 47/64")
			C 179	(7")