

Aluminum Cable Tray

Straight Length Tray Bottom Types Available Ladder, Ventilated and Solid Trough

Ladder

- Extra wide aluminum rungs are welded to extruded aluminum I-beam siderails. Every second rung is reversed to allow for easy top or bottom mounting of cable ties and clamps. All edges and welds are rounded and smooth to prevent cable damage.



Ventilated

- A fabricated structure consisting of integral or separate longitudinal rails and a bottom having openings sufficient for the passage of air and utilizing 75% or less of the plan area of the surface to support cables. The maximum open spacings between cable support surfaces of transverse elements do not exceed 102 mm (4 in) in the direction parallel to the tray side rails (rung edge to rung edge).

Note: For load ratings of CSA Class C/NEMA 12C or less, please see an alternative ventilated series of cable tray called - One Piece found on pages 158 to 189 of this catalog.



Solid Trough

- A fabricated structure consisting of a bottom without ventilation openings within separate longitudinal side rails. Rungs are not perforated, and not alternated (up/down). However, Ty-Raps can be inserted diagonally between rung and bottom sheet for cable fastening.

NOTE:

Fast and easy snap-in splice plates are provided with each straight section.



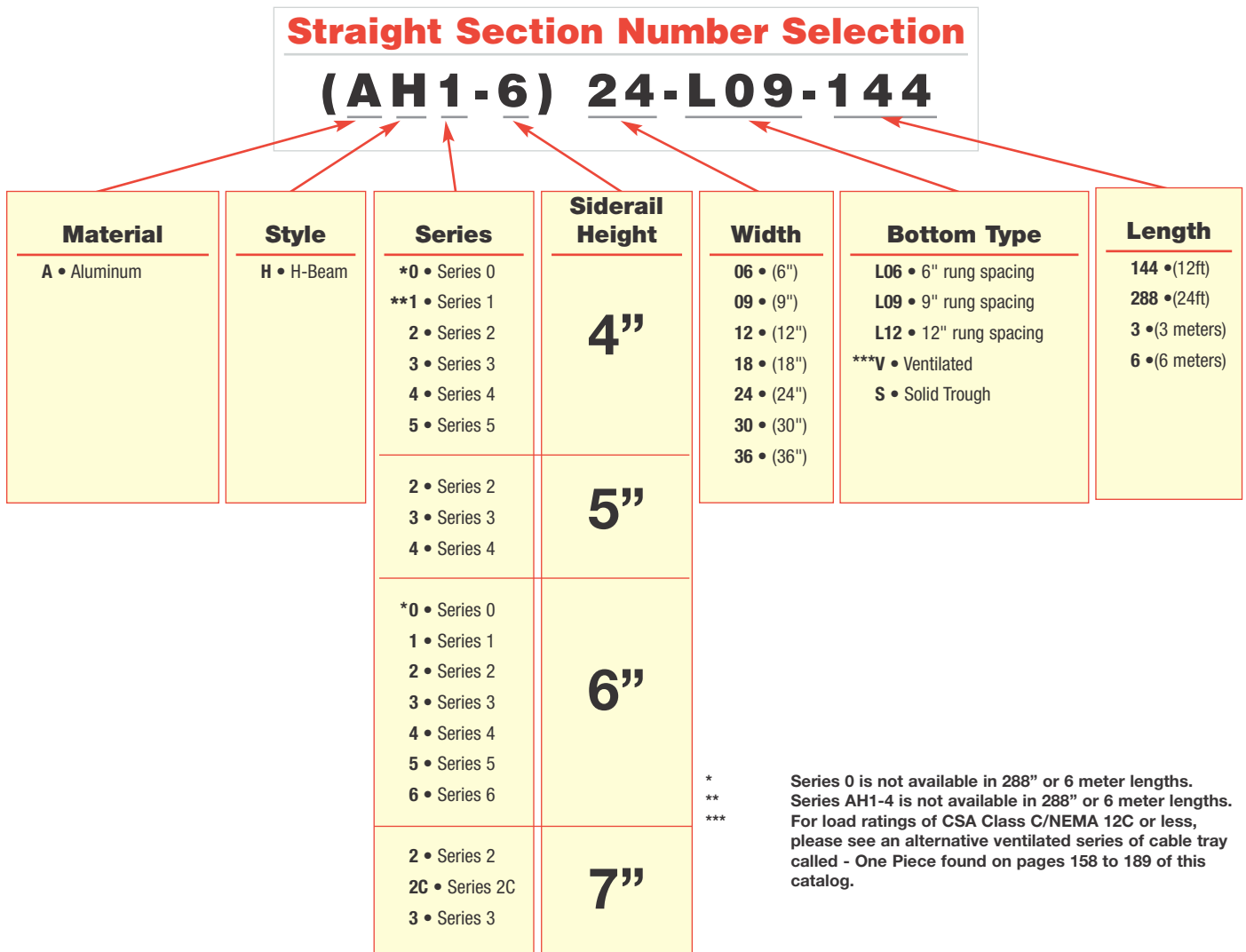
T&B aluminum cable tray is composed of two distinct systems H-Style and U-Style. These systems are interchangeable.

Straight Section Number Selection

Aluminum Cable Tray

Straight Sections

Straight sections utilize a 7" splice plate and the fittings have tangents at the extremities. This style offers enhanced aesthetics and rigidity system to the end-user.



Aluminum Cable Tray

4" Straight Sections Series 0-4, 1-4, 2-4 Ladder, Ventilated and Solid Trough

Straight Section Number Selection

(AH0-4)-24-L09-144

Material	Style	Series	Siderail Depth	Width	Bottom Type	Length
A • Aluminum	H • H-Beam	* 0 • Series 0 ** 1 • Series 1 2 • Series 2	4 • (4")	06 • (6") 09 • (9") 12 • (12") 18 • (18") 24 • (24") 30 • (30") 36 • (36")	L06 • 6" rung spacing L09 • 9" rung spacing L12 • 12" rung spacing *** V • Ventilated S • Solid Trough	144 • (12ft) 288 • (24ft) 3 • (3 meters) 6 • (6 meters)

* Series 0 is not available in 288", or 6 meter lengths.

** Series 1 is not available in 288", or 6 meter lengths.

*** For load ratings of CSA Class C/NEMA 12C or less, please see an alternative ventilated series of cable tray called - One Piece found on pages 158 to 189 of this catalog.

Technical Specifications

All calculations and data are based on 36" wide cable trays with rungs spaced on 12" centers with tray supported as simple spans with deflection measured at the midpoint. Continuous spans may reduce deflection by as much as 50%.

Deflection factor

For lighter loads, deflection at any length can be calculated by multiplying the load by the deflection factor.

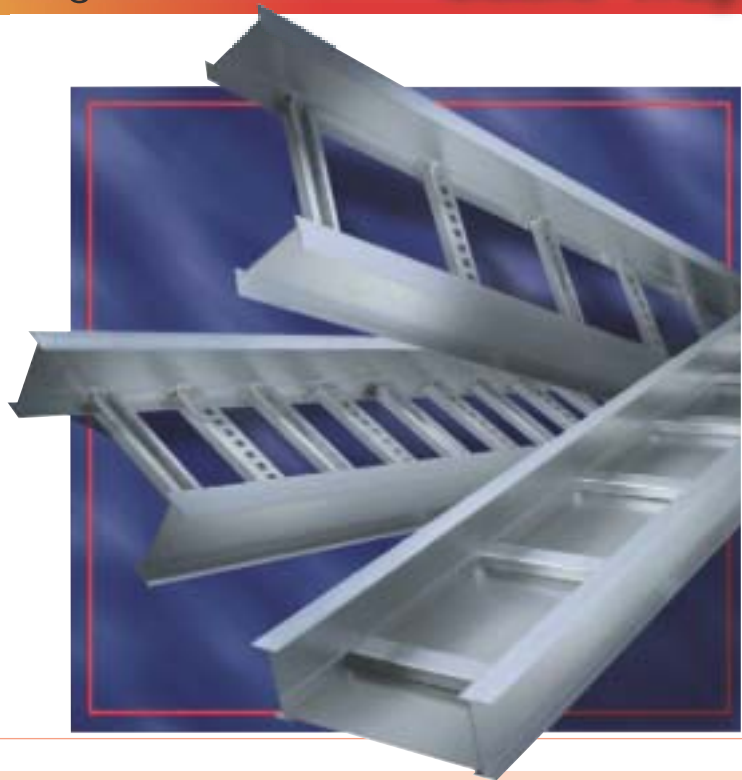
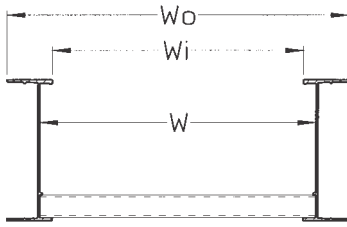
For Fittings consult pages 60 to 99.

SERIES		SUPPORT SPAN (Feet)							
		6	8	10	12	14	16	18	20
AH0-4	Load (lb/ft)	152	86	55	38	-	-	-	-
	Deflection (in.)	0.265	0.472	0.737	1.062	-	-	-	-
	Deflection Factor	0.002	0.006	0.013	0.028	-	-	-	-
AH1-4	Load (lb/ft)	239	134	86	60	-	-	-	-
	Deflection (in.)	0.318	0.565	0.884	1.272	-	-	-	-
	Deflection Factor	0.001	0.004	0.010	0.021	-	-	-	-
AH2-4	Load (lb/ft)	358	202	129	90	66	51	40	32
	Deflection (in.)	0.416	0.740	1.156	1.673	2.277	2.974	3.764	4.590
	Deflection Factor	0.001	0.004	0.009	0.019	0.034	0.059	0.094	0.143

T&B aluminum cable tray is composed of two distinct systems H-Style and U-Style. These systems are interchangeable.

4" Straight Sections Series 0-4, 1-4, 2-4 Ladder, Ventilated and Solid Trough

Aluminum Cable Tray



Aluminum
Straights

W (in.)	AH0-4		AH1-4		AH2-4	
	W0 (in.)	W1 (in.)	W0 (in.)	W1 (in.)	W0 (in.)	W1 (in.)
6	7.35	4.93	7.46	4.88	8.38	4.88
9	10.35	7.93	10.46	7.88	11.38	7.88
12	13.35	10.93	13.46	10.88	14.38	10.88
18	19.35	16.93	19.46	16.88	20.38	16.88
24	25.35	22.93	25.46	22.88	26.38	22.88
30	31.35	28.93	31.46	28.88	32.38	28.88
36	37.35	34.93	37.46	34.88	38.38	34.88

Technical Specifications

LOAD RATINGS
1.5 Safety factor. All tray sections will support an additional 200 lb concentrated load on any portion of tray (siderail, rung, etc.) above and beyond published load class.

SERIES	DIMENSIONS	SIDERAIL DESIGN FACTORS • 1 PAIR	CLASSIFICATIONS		
			NEMA	CSA	UL
AH0-4		$I_x = 1.67 \text{ in}^4$ $S_x = 0.774 \text{ in}^3$ Area = 0.742 in^2	8B	-	UL Cross Sectional Area : 0.60 in^2
AH1-4		$I_x = 2.19 \text{ in}^4$ $S_x = 1.05 \text{ in}^3$ Area = 0.906 in^2	12A, 8C	C	UL Cross Sectional Area : 0.60 in^2
AH2-4		$I_x = 2.51 \text{ in}^4$ $S_x = 1.17 \text{ in}^3$ Area = 0.986 in^2	12B	D/3m	UL Cross Sectional Area : 0.60 in^2

Note: See appendix for information on "Heavy Load" bearing trays and spans beyond 6 m.

Aluminum Cable Tray

4" Straight Sections Series 3-4, 4-4, 5-4

Ladder, Ventilated and Solid Trough

Straight Section Number Selection

(AH5-4)-24-L09-144

Material	Style	Series	Siderail Depth	Width	Bottom Type	Length
A • Aluminum	H • H-Beam	3 • Series 3 4 • Series 4 5 • Series 5	4 • (4")	06 • (6") 09 • (9") 12 • (12") 18 • (18") 24 • (24") 30 • (30") 36 • (36")	L06 • 6" rung spacing L09 • 9" rung spacing L12 • 12" rung spacing V • Ventilated S • Solid Trough	144 • (12ft) 288 • (24ft) 3 • (3 meters) 6 • (6 meters)

Technical Specifications

All calculations and data are based on 36" wide cable trays with rungs spaced on 12" centers with tray supported as simple spans with deflection measured at the midpoint. Continuous spans may reduce deflection by as much as 50%.

Deflection factor
For lighter loads, deflection at any length can be calculated by multiplying the load by the deflection factor.

For Fittings consult pages 60 to 99.

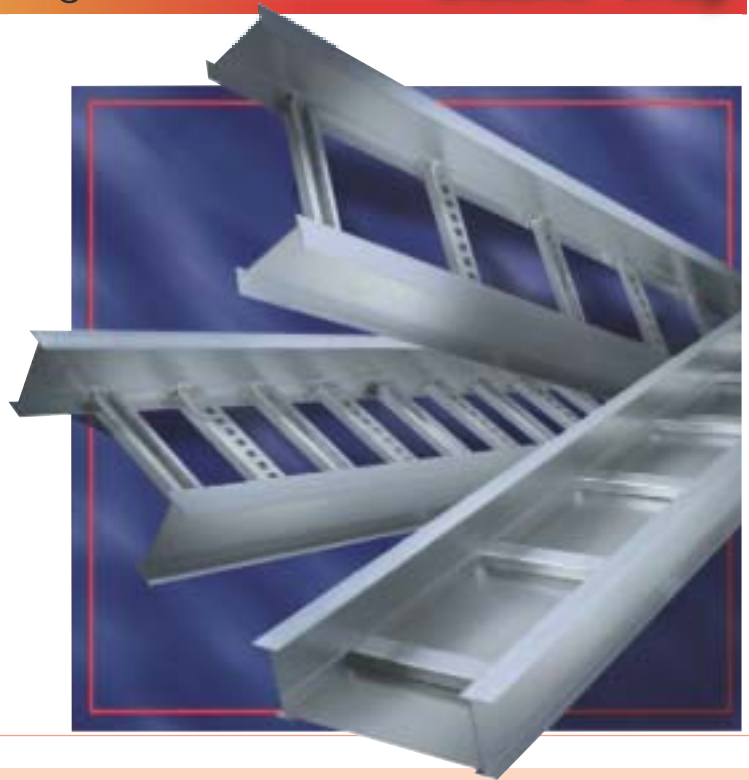
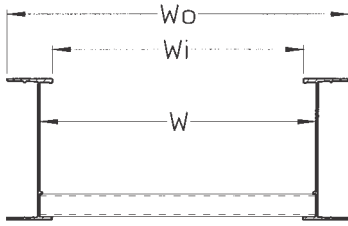
SERIES		SUPPORT SPAN (Feet)							
		6	8	10	12	14	16	18	20
AH3-4	Load (lb/ft)	522	294	188	131	96	73	58	47
	Deflection (in.)	0.477	0.849	1.326	1.909	2.599	3.395	4.296	5.304
	Deflection Factor	0.001	0.003	0.007	0.015	0.027	0.046	0.074	0.113
AH4-4	Load (lb/ft)	589	331	212	147	108	83	65	53
	Deflection (in.)	0.441	0.785	1.226	1.766	2.403	3.139	3.973	4.905
	Deflection Factor	0.001	0.002	0.006	0.012	0.022	0.038	0.061	0.092
AH5-4	Load (lb/ft)	867	488	312	217	159	122	96	78
	Deflection (in.)	0.505	0.898	1.403	2.021	2.751	3.593	4.547	5.614
	Deflection Factor	0.001	0.002	0.004	0.009	0.017	0.029	0.047	0.072

T&B aluminum cable tray is composed of two distinct systems H-Style and U-Style. These systems are interchangeable.

4" Straight Sections Series 3-4, 4-4, 5-4

Ladder, Ventilated and Solid Trough

Aluminum Cable Tray



Aluminum
Straights

W (in.)	AH3-4		AH4-4		AH5-4	
	W ₀ (in.)	W ₁ (in.)	W ₀ (in.)	W ₁ (in.)	W ₀ (in.)	W ₁ (in.)
6	8.38	4.88	8.41	4.91	8.38	4.88
9	11.38	7.88	11.41	7.91	11.38	7.88
12	14.38	10.88	14.41	10.91	14.38	10.88
18	20.38	16.88	20.41	16.91	20.38	16.88
24	26.38	22.88	26.41	22.91	26.38	22.88
30	32.38	28.88	32.41	28.91	32.38	28.88
36	38.38	34.88	38.41	34.91	38.38	34.88

Technical Specifications

LOAD RATINGS

1.5 Safety factor. All tray sections will support an additional 200 lb concentrated load on any portion of tray (siderail, rung, etc.) above and beyond published load class.

SERIES	DIMENSIONS	SIDERAIL DESIGN FACTORS • 1 PAIR	CLASSIFICATIONS		UL
			NEMA	CSA	
AH3-4		$I_x = 3.19 \text{ in}^4$ $S_x = 1.41 \text{ in}^3$ Area = 1.22 in^2	12C, 16A	D/6m	UL Cross Sectional Area : 1.00 in^2
AH4-4		$I_x = 3.89 \text{ in}^4$ $S_x = 1.75 \text{ in}^3$ Area = 1.40 in^2	20A, 16B	E/3m	UL Cross Sectional Area : 1.00 in^2
AH5-4		$I_x = 5.00 \text{ in}^4$ $S_x = 2.24 \text{ in}^3$ Area = 1.76 in^2	20B, 16C	E/6m	UL Cross Sectional Area : 1.50 in^2

Aluminum Cable Tray

5" Straight Sections Series 2-5, 3-5, 4-5

Ladder, Ventilated and Solid Trough

Straight Section Number Selection

(AH2-5)-24-L09-144

Material	Style	Series	Siderail Depth	Width	Bottom Type	Length
A • Aluminum	H • H-Beam	2 • Series 2 3 • Series 3 4 • Series 4	5 • (5")	06 • (6") 09 • (9") 12 • (12") 18 • (18") 24 • (24") 30 • (30") 36 • (36")	L06 • 6" rung spacing L09 • 9" rung spacing L12 • 12" rung spacing V • Ventilated S • Solid Trough	144 • (12ft) 288 • (24ft) 3 • (3 meters) 6 • (6 meters)

Technical Specifications

All calculations and data are based on 36" wide cable trays with rungs spaced on 12" centers with tray supported as simple spans with deflection measured at the midpoint. Continuous spans may reduce deflection by as much as 50%.

Deflection factor

For lighter loads, deflection at any length can be calculated by multiplying the load by the deflection factor.

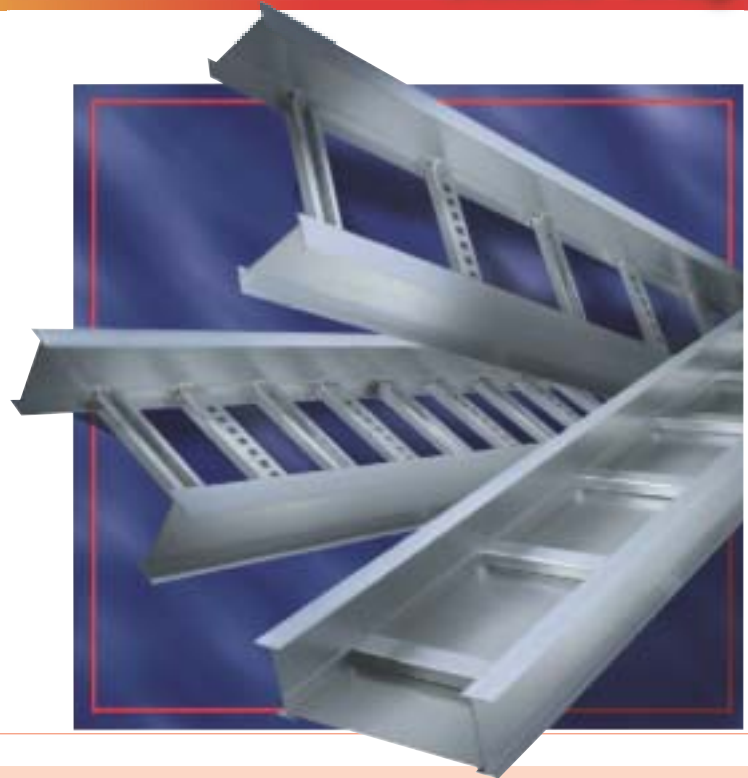
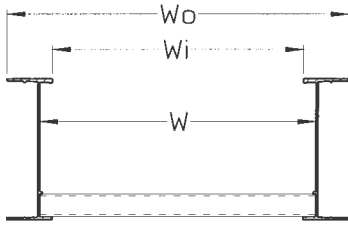
For Fittings consult pages 60 to 99.

SERIES		SUPPORT SPAN (Feet)							
		6	8	10	12	14	16	18	20
AH2-5	Load (lb/ft)	511	288	184	128	94	72	57	46
	Deflection (in.)	0.328	0.584	0.912	1.313	1.787	2.334	2.955	3.648
	Deflection Factor	0.001	0.002	0.005	0.010	0.019	0.032	0.052	0.079
AH3-5	Load (lb/ft)	600	338	216	150	110	84	67	54
	Deflection (in.)	0.313	0.557	0.870	1.253	1.706	2.228	2.820	3.481
	Deflection Factor	0.001	0.002	0.004	0.008	0.015	0.026	0.042	0.064
AH4-5	Load (lb/ft)	844	475	304	211	155	119	94	76
	Deflection (in.)	0.337	0.599	0.936	1.348	1.834	2.396	3.033	3.744
	Deflection Factor	0.004	0.001	0.003	0.006	0.012	0.020	0.032	0.049

T&B aluminum cable tray is composed of two distinct systems H-Style and U-Style. These systems are interchangeable.

5" Straight Sections Series 2-5, 3-5, 4-5 Ladder, Ventilated and Solid Trough

Aluminum Cable Tray



Aluminum
Straights

W (in.)	AH2-5		AH3-5		AH4-5	
	W _o (in.)	W _i (in.)	W _o (in.)	W _i (in.)	W _o (in.)	W _i (in.)
6	8.39	4.89	8.43	4.93	8.45	4.95
9	11.39	7.89	11.43	7.93	11.45	7.95
12	14.39	10.89	14.43	10.93	14.45	10.95
18	20.39	16.89	20.43	16.93	20.45	16.95
24	26.39	22.89	26.43	22.93	26.45	22.95
30	32.39	28.89	32.43	28.93	32.45	28.95
36	38.39	34.89	38.43	34.93	38.45	34.95

Technical Specifications

LOAD RATINGS

1.5 Safety factor. All tray sections will support an additional 200 lb concentrated load on any portion of tray (siderail, rung, etc.) above and beyond published load class.

SERIES	DIMENSIONS	SIDERAIL DESIGN FACTORS • 1 PAIR	CLASSIFICATIONS		UL
			NEMA	CSA	
AH2-5		$I_x = 4.54 \text{ in}^4$ $S_x = 1.73 \text{ in}^3$ Area = 1.23 in^2	12C, 16A	D/6m	UL Cross Sectional Area : 1.00 in^2
AH3-5		$I_x = 5.58 \text{ in}^4$ $S_x = 2.13 \text{ in}^3$ Area = 1.52 in^2	20A, 16B	E/3m	UL Cross Sectional Area : 1.50 in^2
AH4-5		$I_x = 7.31 \text{ in}^4$ $S_x = 2.66 \text{ in}^3$ Area = 1.87 in^2	20B, 16C	E/6m	UL Cross Sectional Area : 1.50 in^2

Aluminum Cable Tray

6" Straight Sections Series 1-6, 2-6, 3-6

Ladder, Ventilated and Solid Trough

Straight Section Number Selection

(AH2-6)-24-L09-144

Material	Style	Series	Siderail Depth	Width	Bottom Type	Length
A • Aluminum	H • H-Beam	* 0 • Series 0 1 • Series 1 2 • Series 2 3 • Series 3	6 • (6")	06 • (6") 09 • (9") 12 • (12") 18 • (18") 24 • (24") 30 • (30") 36 • (36")	L06 • 6" rung spacing L09 • 9" rung spacing L12 • 12" rung spacing **V • Ventilated S • Solid Trough	144 • (12ft) 288 • (24ft) 3 • (3 meters) 6 • (6 meters)

* Available in 3 m and 144 in lengths only.

** For load ratings of CSA Class C/NEMA 12C or less, please see an alternative ventilated series of cable tray called - One Piece found on pages 158 to 189 of this catalog.

Technical Specifications

All calculations and data are based on 36" wide cable trays with rungs spaced on 12" centers with tray supported as simple spans with deflection measured at the midpoint. Continuous spans may reduce deflection by as much as 50%.

Deflection factor

For lighter loads, deflection at any length can be calculated by multiplying the load by the deflection factor.

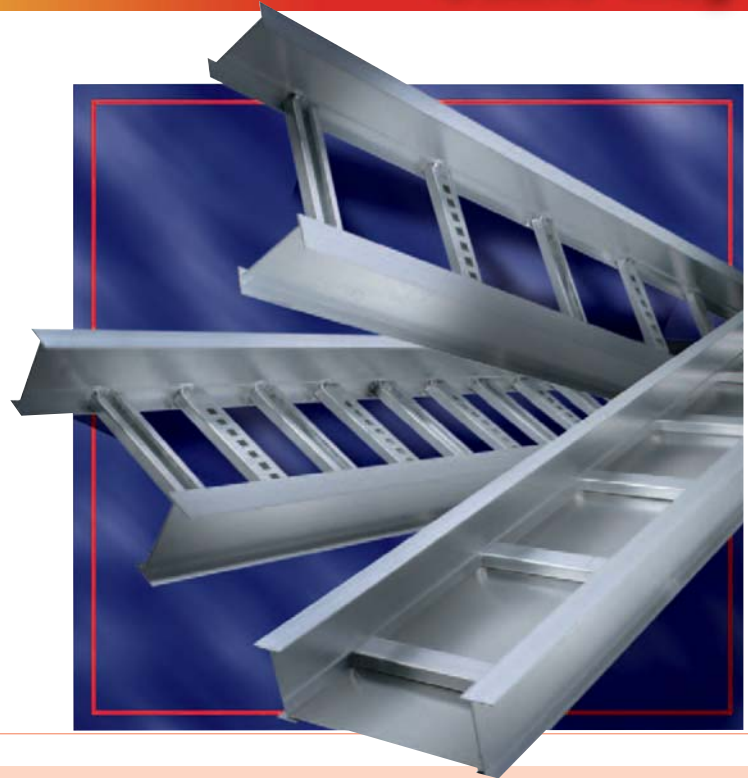
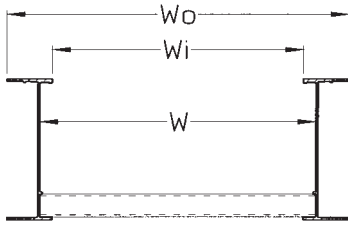
For Fittings consult pages 60 to 99.

SERIES		SUPPORT SPAN (Feet)							
		6	8	10	12	14	16	18	20
AH0-6	Load (lb/ft)	308	173	111	77	-	-	-	-
	Deflection (in.)	0.069	0.128	0.384	0.552	-	-	-	-
	Deflection Factor	0.0002	0.0007	0.003	0.007	-	-	-	-
AH1-6	Load (lb/ft)	511	288	184	128	94	72	57	46
	Deflection (in.)	0.191	0.340	0.531	0.764	1.040	1.359	1.720	2.132
	Deflection Factor	0.0004	0.001	0.003	0.006	0.011	0.019	0.030	0.046
AH2-6	Load (lb/ft)	589	331	212	147	108	83	65	53
	Deflection (in.)	0.203	0.360	0.563	0.811	1.104	1.442	1.825	2.253
	Deflection Factor	0.0003	0.001	0.003	0.006	0.010	0.017	0.028	0.043
AH3-6	Load (lb/ft)	889	500	320	222	163	125	99	80
	Deflection (in.)	0.199	0.353	0.552	0.794	1.081	1.412	1.788	2.207
	Deflection Factor	0.0002	0.001	0.002	0.004	0.007	0.011	0.018	0.028

T&B aluminum cable tray is composed of two distinct systems H-Style and U-Style. These systems are interchangeable.

6" Straight Sections Series 1-6, 2-6, 3-6 Ladder, Ventilated and Solid Trough

Aluminum Cable Tray



Aluminum
Straights

W (in.)	AH0-6		AH1-6		AH2-6		AH3-6	
	Wo (in.)	Wi (in.)	Wo (in.)	Wi (in.)	Wo (in.)	Wi (in.)	Wo (in.)	Wi (in.)
6	7.87	4.87	8.37	4.87	8.38	4.88	8.89	4.89
9	10.87	7.87	11.37	7.87	11.38	7.88	11.89	7.89
12	13.87	10.87	14.37	10.87	14.38	10.88	14.89	10.89
18	19.87	16.87	20.37	16.87	20.38	16.88	20.89	16.89
24	25.87	22.87	26.37	22.87	26.38	22.88	26.89	22.89
30	31.87	28.87	32.37	28.87	32.38	28.88	32.89	28.89
36	37.87	34.87	38.37	34.87	38.38	34.88	38.89	34.89

Technical Specifications

LOAD RATINGS

1.5 Safety factor. All tray sections will support an additional 200 lb concentrated load on any portion of tray (siderail, rung, etc.) above and beyond published load class.

SERIES

DIMENSIONS

SIDERAIL DESIGN FACTORS • 1 PAIR

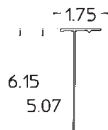
CLASSIFICATIONS

NEMA

CSA

UL

AH0-6



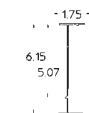
$I_x = 6.27$
 $S_x = 1.92$
Area = 1.22

12B

C

UL Cross Sectional
Area : 1.00 in²

AH1-6

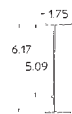


$I_x = 7.80$ in⁴
 $S_x = 2.36$ in³
Area = 1.43 in²

12C,16A D/6M

UL Cross Sectional
Area : 1.00 in²

AH2-6

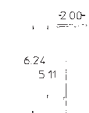


$I_x = 8.47$ in⁴
 $S_x = 2.59$ in³
Area = 1.55 in²

20A,16B E/3M

UL Cross Sectional
Area : 1.50 in²

AH3-6



$I_x = 13.05$ in⁴
 $S_x = 3.88$ in³
Area = 2.12 in²

20B,16C E/6M

UL Cross Sectional
Area : 2.00 in²

Aluminum Cable Tray

6" Straight Sections Series 4-6, 5-6, 6-6

Ladder, Ventilated and Solid Trough

Straight Section Number Selection

(AH5-6)-24-L09-144

Material	Style	Series	Siderail Depth	Width	Bottom Type	Length
A • Aluminum	H • H-Beam	4 • Series 4 5 • Series 5 6 • Series 6	6 • (6")	06 • (6") 09 • (9") 12 • (12") 18 • (18") 24 • (24") 30 • (30") 36 • (36")	L06 • 6" rung spacing L09 • 9" rung spacing L12 • 12" rung spacing V • Ventilated S • Solid Trough	144 • (12ft) 288 • (24ft) 3 • (3 meters) 6 • (6 meters)

Note: See appendix for information on "Heavy Load" bearing trays and spans beyond 6 m.

Technical Specifications

All calculations and data are based on 36" wide cable trays with rungs spaced on 12" centers with tray supported as simple spans with deflection measured at the midpoint. Continuous spans may reduce deflection by as much as 50%.

Deflection factor
For lighter loads, deflection at any length can be calculated by multiplying the load by the deflection factor.

For Fittings consult pages 60 to 99.

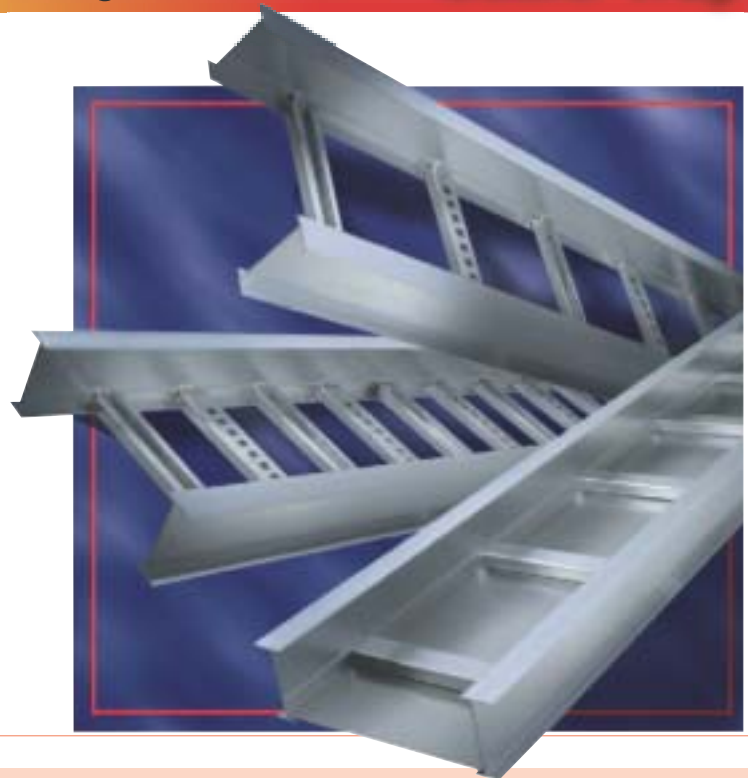
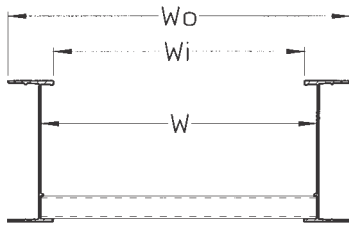
SERIES		SUPPORT SPAN (Feet)							
		6	8	10	12	14	16	18	20
AH4-6	Load (lb/ft)	1133	638	408	283	208	159	126	102
	Deflection (in.)	0.238	0.424	0.662	0.954	1.298	1.696	2.146	2.649
	Deflection Factor	0.0002	0.001	0.002	0.003	0.006	0.011	0.017	0.026
AH5-6	Load (lb/ft)	1334	756	484	336	247	189	149	121
	Deflection (in.)	0.249	0.443	0.693	0.997	1.358	1.773	2.244	2.771
	Deflection Factor	0.0002	0.001	0.002	0.003	0.005	0.009	0.015	0.023
AH6-6	Load (lb/ft)	1889	1063	680	472	347	266	210	170
	Deflection (in.)	0.315	0.560	0.875	1.260	1.715	2.240	2.835	3.500
	Deflection Factor	0.0002	0.001	0.001	0.003	0.005	0.008	0.014	0.021

T&B aluminum cable tray is composed of two distinct systems H-Style and U-Style. These systems are interchangeable.

6" Straight Sections Series 4-6, 5-6, 6-6

Ladder, Ventilated and Solid Trough

Aluminum Cable Tray



Aluminum
Straights

W (in.)	AH4-6		AH5-6		AH6-6	
	Wo (in.)	Wi (in.)	Wo (in.)	Wi (in.)	Wo (in.)	Wi (in.)
6	8.90	4.90	8.93	4.93	9.01	5.01
9	11.90	7.90	11.93	7.93	12.01	8.01
12	14.90	10.90	14.93	10.93	15.01	11.01
18	20.90	16.90	20.93	16.93	21.01	17.01
24	26.90	22.90	26.93	22.93	27.01	23.01
30	32.90	28.90	32.93	28.93	33.01	29.01
36	38.90	34.90	38.93	34.93	39.01	35.01

Note: See appendix for information on "Heavy Load" bearing trays and spans beyond 6 m.

Technical Specifications

LOAD RATINGS

1.5 Safety factor. All tray sections will support an additional 200 lb concentrated load on any portion of tray (siderail, rung, etc.) above and beyond published load class.

SERIES	DIMENSIONS	SIDERAIL DESIGN FACTORS • 1 PAIR	CLASSIFICATIONS		
			NEMA	CSA	UL
AH4-6		$I_x = 13.86 \text{ in}^4$ $S_x = 4.07 \text{ in}^3$ Area = 2.32 in^2	20C	-	UL Cross Sectional Area : 2.00 in^2
AH5-6		$I_x = 15.63 \text{ in}^4$ $S_x = 4.66 \text{ in}^3$ Area = 2.68 in^2	Exceeds	-	UL Cross Sectional Area : 2.00 in^2
AH6-6		$I_x = 18.84 \text{ in}^4$ $S_x = 5.51 \text{ in}^3$ Area = 3.25 in^2	Exceeds	-	UL Cross Sectional Area : 2.00 in^2

Aluminum Cable Tray

7" Straight Sections Series 2-7, 2C-7, 3-7 Ladder, Ventilated and Solid Trough

Straight Section Number Selection

(AH2-7)-24-L09-144

Material	Style	Series	Siderail Depth	Width	Bottom Type	Length
A • Aluminum	H • H-Beam	2 • Series 2 2C • Series 2C 3 • Series 3	7 • (7")	06 • (6") 09 • (9") 12 • (12") 18 • (18") 24 • (24") 30 • (30") 36 • (36")	L06 • 6" rung spacing L09 • 9" rung spacing L12 • 12" rung spacing V • Ventilated S • Solid Trough	144 • (12ft) 288 • (24ft) 3 • (3 meters) 6 • (6 meters)

Note: See appendix for information on "Heavy Load" bearing trays and spans beyond 6 m.

Technical Specifications

All calculations and data are based on 36" wide cable trays with rungs spaced on 12" centers with tray supported as simple spans with deflection measured at the midpoint. Continuous spans may reduce deflection by as much as 50%.

Deflection factor
For lighter loads, deflection at any length can be calculated by multiplying the load by the deflection factor.

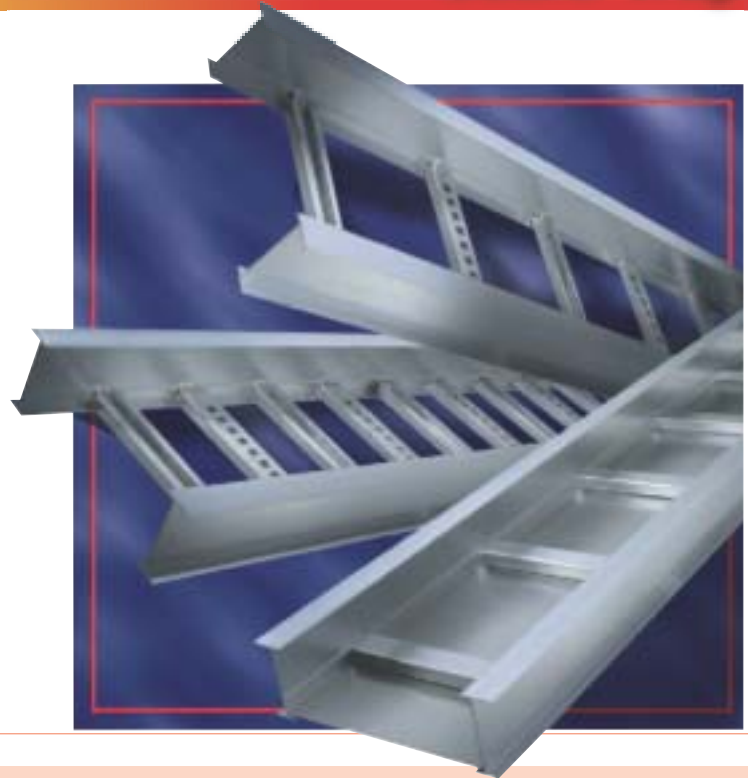
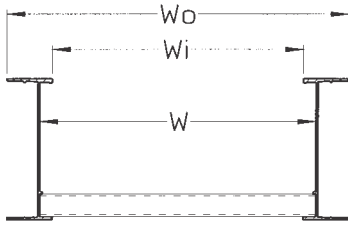
For Fittings consult pages 60 to 99.

SERIES		SUPPORT SPAN (Feet)							
		6	8	10	12	14	16	18	20
AH2-7	Load (lb/ft)	844	475	304	211	155	119	94	76
	Deflection (in.)	0.149	0.265	0.415	0.597	0.813	1.061	1.343	1.658
	Deflection Factor	0.0002	0.001	0.001	0.003	0.005	0.009	0.014	0.022
AH3-7	Load (lb/ft)	1456	819	524	364	267	205	162	131
	Deflection (in.)	0.168	0.298	0.466	0.671	0.913	1.192	1.509	1.863
	Deflection Factor	0.0001	0.0004	0.001	0.002	0.003	0.006	0.009	0.014

T&B aluminum cable tray is composed of two distinct systems H-Style and U-Style. These systems are interchangeable.

7" Straight Sections Series 2-7, 2C-7, 3-7 Ladder, Ventilated and Solid Trough

Aluminum Cable Tray



Aluminum
Straights

W (in.)	AH2-7		AH2C-7		AH3-7	
	Wo (in.)	Wi (in.)	Wo (in.)	Wi (in.)	Wo (in.)	Wi (in.)
6	8.90	4.90	8.97	4.97	9.00	5.00
9	11.90	7.90	11.97	7.97	12.00	8.00
12	14.90	10.90	14.97	10.97	15.00	11.00
18	20.90	16.90	20.97	16.97	21.00	17.00
24	26.90	22.90	26.97	22.97	27.00	23.00
30	32.90	28.90	32.97	28.97	33.00	29.00
36	38.90	34.90	38.97	34.97	39.00	35.00

Note: See appendix for information on "Heavy Load" bearing trays and spans beyond 6 m.

Technical Specifications

LOAD RATINGS

1.5 Safety factor. All tray sections will support an additional 200 lb concentrated load on any portion of tray (siderail, rung, etc.) above and beyond published load class.

SERIES	DIMENSIONS	SIDERAIL DESIGN FACTORS • 1 PAIR	CLASSIFICATIONS		
			NEMA	CSA	UL
AH2-7		$I_x = 20.24 \text{ in}^4$ $S_x = 5.00 \text{ in}^3$ Area = 2.66 in^2	20B	E/6m	UL Cross Sectional Area : 2.00 in^2
AH3-7		$I_x = 25.32 \text{ in}^4$ $S_x = 6.35 \text{ in}^3$ Area = 3.30 in^2	Exceeds 20C	-	UL Cross Sectional Area : 2.00 in^2