

T&B® Cable Tray Aluminum

Fitting – Number Selection

Fittings in a cable tray system are required to change cable routing direction and to join straight sections and other fittings.

This step of the cable tray selection process requires that the specifier chooses between two distinct styles U and H.

NOTE: The **U-Style** and **H-Style** systems are not interchangeable. Once you have selected a system, you must be consistent.

U-Style Fitting

A U-shaped extrusion forms the fitting siderail.

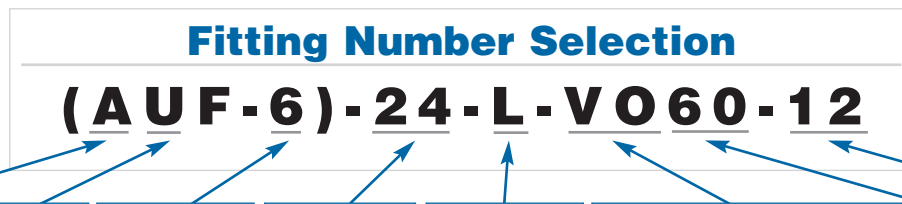
U-Style fittings utilize a 4" splice plate and the fittings do not have tangents at the extremities. This style offers maximum quality versus cost ratios of the installation.

H-Style Fitting

An H-shaped extrusion forms the fitting siderail.

H-Style fittings utilize a 7" splice plate and the fittings have 3" tangents at the extremities. This style offers enhanced aesthetics to the end-user.

H
T&B® Cable Tray



Fitting Material	Fitting Style	Siderail Depth	Width	Bottom Type	Fitting Type	Angle **	Radius †
A • Aluminum	U • U-Beam	4 • (4")	06 • (6")	* L • Ladder	HB • Horizontal Bend HT • Horizontal Tee HX • Horizontal Cross VI • Vertical Inside Bend VO • Vertical Outside Bend VTD • Vertical Tee Down VTU • Vertical Tee Up HYR • Horizontal Wye Right HYL • Horizontal Wye Left RT • Horizontal Reducing Tee ET • Horizontal Expanding Tee EX • Horiz. Expand Cross HLR • Horizontal Left Reducer HSR • Horizontal Straight Reducer HRR • Horizontal Right Reducer CS • Cable Support Fitting	30 • (30°)	12 • (12")
	H • H-Beam	5 • (5")	09 • (9")	*** V • Ventilated		45 • (45°)	24 • (24")
		6 • (6")	12 • (12")	**** S • Solid Trough		60 • (60°)	36 • (36")
		7 • (7")	18 • (18")			90 • (90°)	48 • (48")
			24 • (24")				
			30 • (30")				
			36 • (36")				
			42 • (42")				

** Angle is required for HB, VI, VO only.

† Radius is not required for the following Fitting Types: **HYR, HYL, HLR, HRR, HSR**

* Manufactured with 9" rung spacing measured at the center line of fitting.

*** Manufactured with 4" rung spacing measured at the center line of fitting.

**** Manufactured with flat sheet inserted under rungs with 9" rung spacing measured at the center line of fitting.

T&B aluminum cable tray is composed of two distinct systems H-Style and U-Style. These systems are not interchangeable. Pick one system and stay with it through your project / installation. (Don't mix H and U style components on the same job.)

Thomas & Betts

