

Com-Tray™

Chalfant, a leading supplier of cable trays and systems for utilities, industrial plants, and commercial service, offers **Com-Tray**, a unique modular, cost-saving system for routing and protecting cables under raised floors in computer and communications installations. Totally compatible with the 2' by 2' grid post system of raised floors.

Standard, off-the-shelf **Com-Tray** modules are designed to meet any underfloor cable routing system. Simply select the modules you need for your system configuration and you'll have economical, easily installed, permanent solution to your underfloor cable routing and protection requirements.

- Labor-saving assembly
- Field proven and tested
- Superior construction
- Shipped ready to assemble



Routing and Protecting Cable

Com-Tray Offers the Ultimate solution for Routing Cable and Protecting Communications Cable Under Raised Floors

Chalfant's **Com-Tray** system provides a simple cost-saving investment and solution for routing and supporting many types of cables. Chalfant has a proven record of successful installations for many types of applications with these benefits:

Neater, Safer Installations

Com-Tray permits the orderly, efficient routing of data, control and power cables under raised floors—eliminates the hard-to-trace "spaghetti" effect of loose cables, and minimize both cable lengths and attendant circuit losses. Sturdy metal trays with optional covers completely enclose your cables and protect them against damage from falling objects or being stepped on. Tampering by unauthorized persons is also discouraged.

Versatile

The modular design of **Com-Tray**, which includes straight sections, tees, crosses, elbows reducers and optional covers, lets you select components and design a "cableway" to accommodate any interconnection requirement. You can even install pull wires initially, along with cables, to meet future requirements. RF or other electromagnetic shielding can also be provided.

Fast Labor-Saving Assembly

Installation of **Com-Tray** is simple and fast. The modules can be quickly slid or lowered between grid posts and joined with splice plates and hardware supplied. Slotted holes in the splice plates make alignment easy and ample clearance is provided for inserting and tightening bolts. Covers are assembled with self-tapping screws supplied and are easily removed for inspection or maintenance. No field cutting, drilling, or extra labor is required, resulting in a clean, professional installation with minimum time and labor costs.

Field Proven

Chalfant has supplied cable Tray for use under computer floors for over 20 years. We have designed and supplied modular Cable Tray

systems to meet the specific under floor requirements for many large computer communications centers. These systems were installed easily, quickly and inexpensively in a fraction of the time of conventional Cable Tray systems.

Contractors experienced no need for field modification, which resulted in systems that had instant customer acceptance and contractor acclaim. Using **Com-Tray's** concept, contractors have been successful in reducing labor costs resulting in substantial savings. Chalfant **Com-Tray** can provide users and contractors everywhere with the same benefits.

Superior Construction

All formed cable tray components are made from 18 gage mill galvanized steel per ASTM 653A for superior strength, durability and corrosion resistance. **Components can also be made from aluminum.**

Optional covers are 20 gage mill galvanized steel. Our patented raised "Big Foot" Splice Plates are made of heavy 12 gage mill galvanized steel to provide extra rigidity and strength. With "Big Foot" the **Com-Tray** system can be elevated from 2" to 12". With **Com-Tray** you'll never have to make expensive field modifications.

Shipped Ready to Assemble

When you order a **Com-Tray** system from Chalfant, it is supplied with all the splice plates and hardware you need for fast assembly in the exact configuration you have selected. No other system can compare with the design flexibility, speed and convenience of assembly and quality construction of **Com-Tray** under floor cable tray systems.

Prompt Delivery

Com-Tray can be delivered to a job-site in weeks, since major sub-assemblies are available from stock or can be quickly fabricated to standard designs in our modern factory.

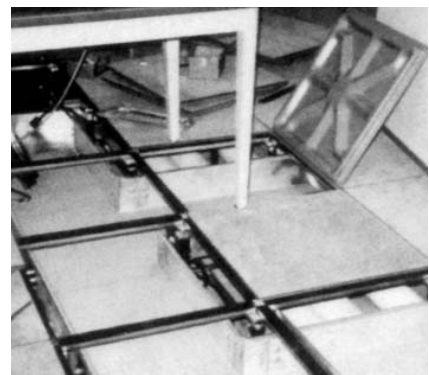
You'll be pleased with **Com-Tray**. It's a logical timely solution to the underfloor cable routing problems that pays for itself in simplified design and labor during installation and provides permanent protection for your vital underfloor cir-

cuitry while maintaining complete accessibility.

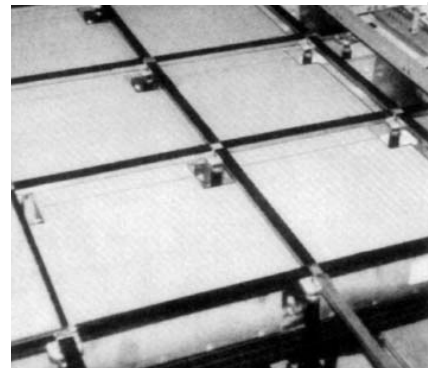
Specials

Com-Tray is also available in ventilated or ladder designs. Special fittings, such as, crossovers, risers, adjustable risers, floor flanges, multiple tap tees and crosses can be ordered. Contact the factory for additional information.

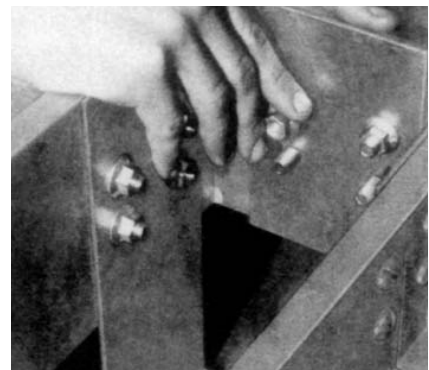
For specification details and current pricing, contact your local Chalfant representative



Com-Tray is ready for cable installation



Covers are in place. System is secure.



Splice plates install quickly even on 18" widths

Combining Standard Modules

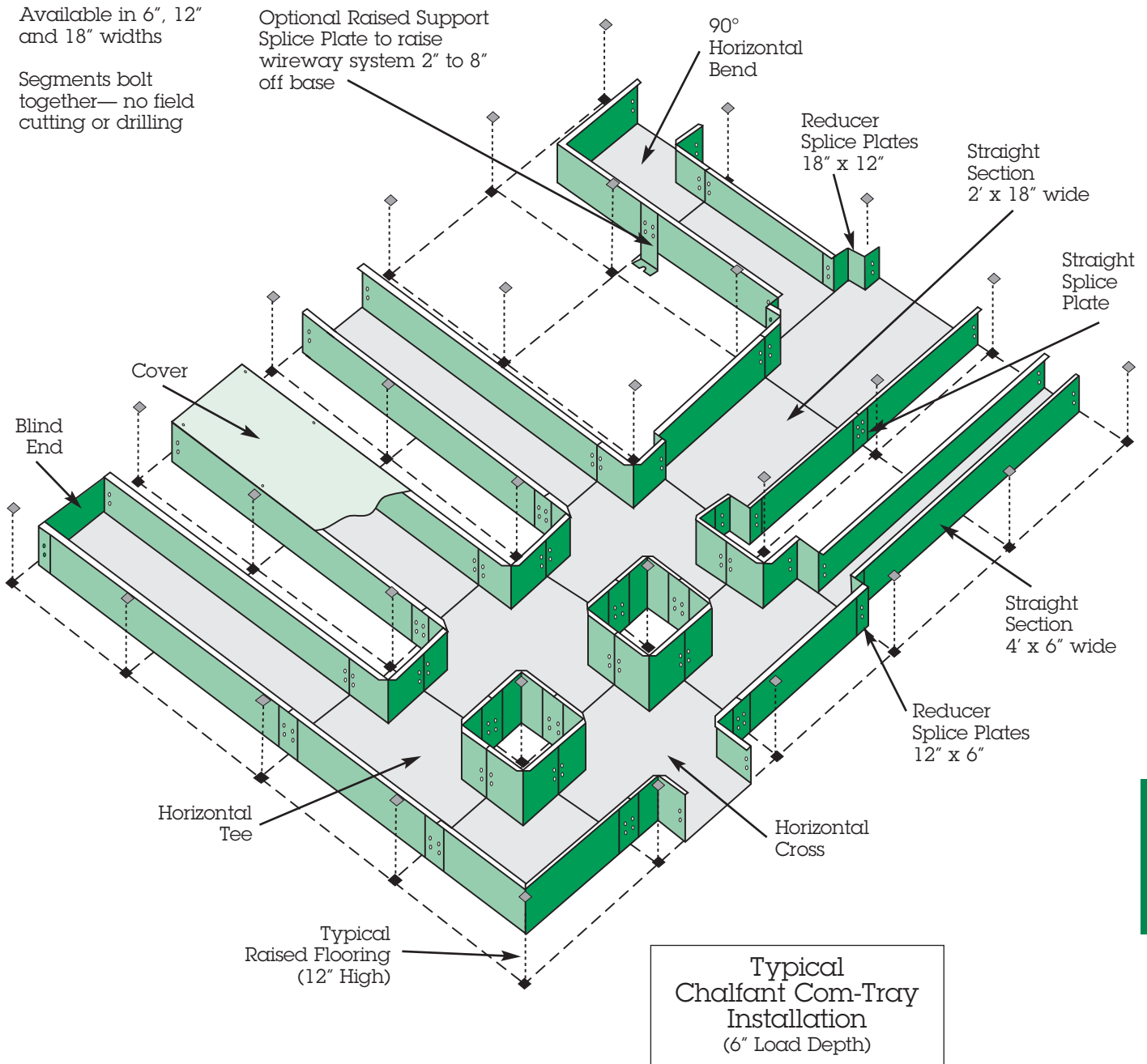
The drawing illustrates how standard **Com-Tray** components can be combined and arranged in virtually any cable routing pattern under raised flooring.

A 12" wide system with 6" load depth is shown. Components in 6" and 18" widths (with 6" load depths) are also available.

Straight sections and covers for all sizes come in 1', 2', 4' 8' and 12' lengths for added flexibility. Splice plates and blind ends have slotted holes for easy alignment with other components and are fastened with Chalfant's exclusive standard splice plate nut and bolt assembly— a fastener with a

round serrated truss head combined with an integral flanged serrated lock washer hex nut.

The flexibility of the layout, ease of assembly and structural integrity of underfloor cable tray systems built with **Com-Tray** components are unmatched in the industry.



Under Floor

Straight Sections, Covers and Fittings

Loading Depth

Chalfant's Standard Com-Tray Design is a 6" (152) load depth and is shown in the part Numbers. Other Loading Depths from 2" to 8" are available. To change the depth, replace first 6 in the Part Number to the desired depth.

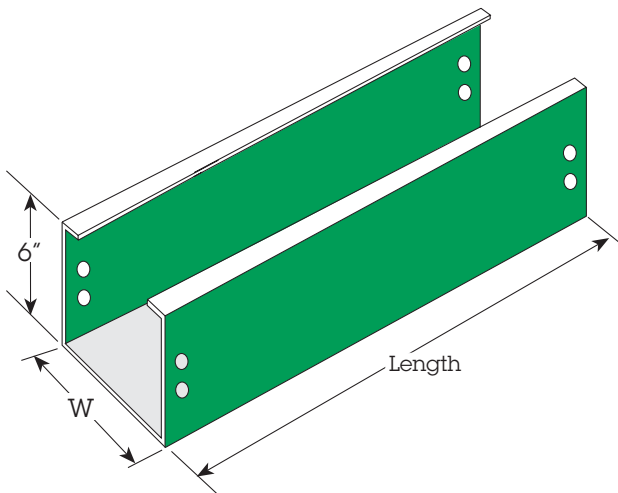
ie: C306-12 C3= 3" depth

Materials

All straight sections and fittings are manufactured from 18 gage mill galvanized steel per ASTM 653A.

Straight Sections

When using the part number listed for Straight Sections and Fittings, you will receive: straight section or fitting, splice plate, nuts and bolts (9TBN302).

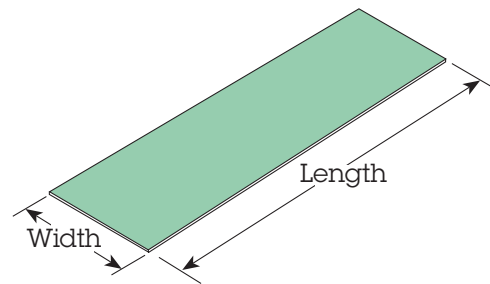


Tray Width	Tray Length	Weight (lbs.)	Part Number
6" (152)	1'	4.9	C606-01
	2'	8.4	C606-02
	4'	15.4	C606-04
	8'	29.5	C606-08
	12'	43.5	C606-12
12" (152)	1'	6.4	C612-01
	2'	11.0	C612-02
	4'	20.2	C612-04
	8'	38.5	C612-08
	12'	56.9	C612-12
18"	1'	7.9	C618-01
	2'	13.6	C618-02
	4'	24.9	C618-04
	8'	47.6	C618-08
	12'	70.3	C618-12

Covers

Covers, when ordered, will include (9STK774) self-tapping cover screws.

Flange covers are also available from the factory. To specify flange covers, replace C7 with 7S in the part number.

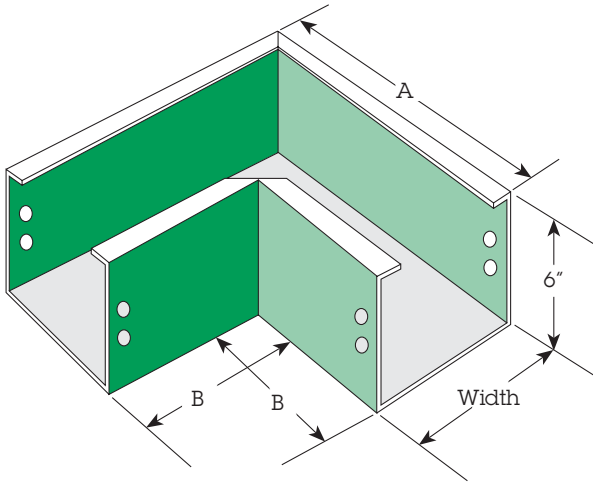


Tray Width	Tray Length	Weight (lbs.)	Part Number
6"	1'	.8	C706-01
	2'	1.7	C706-02
	4'	3.3	C706-04
	8'	6.6	C706-08
	12'	9.9	C706-12
12"	1'	1.7	C712-01
	2'	3.3	C712-02
	4'	6.6	C712-04
	8'	13.3	C712-08
	12'	19.9	C712-12
18"	1'	2.5	C718-01
	2'	5.0	C718-02
	4'	9.9	C718-04
	8'	19.9	C718-08
	12'	29.8	C718-12

Material: 20 gage Mill Galvanized Steel, ASTM A924

Fittings

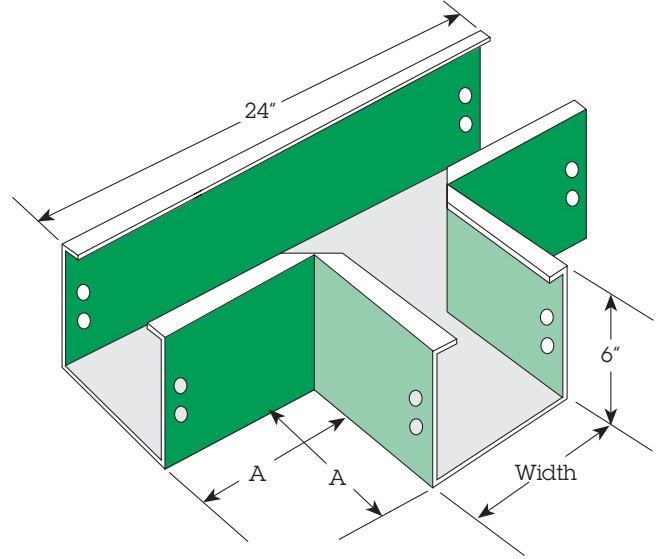
90° Horizontal Bend



Tray Width	Dimensions A	B	Weight (lbs.)	Part Number
6"	15"	9"	9.0	C606030
12"	18"	6"	11.5	C612030
18"	21"	3"	14.1	C618030

13/32" holes (typ. 8)

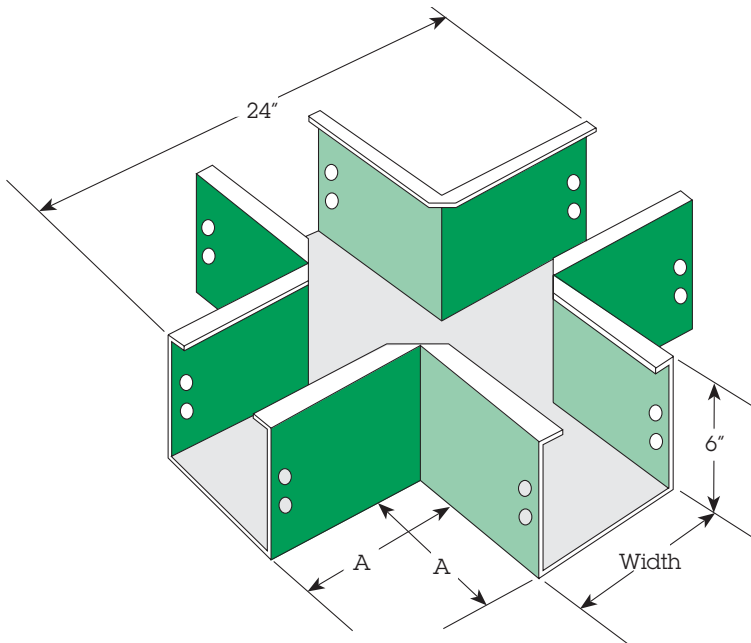
Horizontal Tee



Tray Width	Dimension A	Weight (lbs.)	Part Number
6"	9"	12.5	C606085
12"	6"	14.4	C612085
18"	3"	15.9	C618085

13/32" holes (typ. 8)

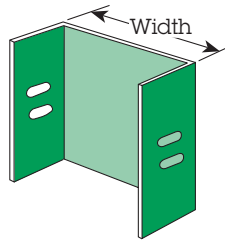
Cross



Tray Width	Dimension A	Weight (lbs.)	Part Number
6"	9"	16.1	C606080
12"	6"	17.3	C612080
18"	3"	17.6	C618080

13/32" holes (typ. 16)

Blind End



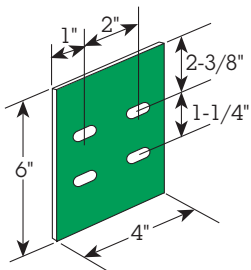
Tray Width	Weight (lbs.)	Part Number
6"	.9	C606245
12"	1.5	C612245
18"	2.0	C618245

5/8" x 7/16" slotted holes (typ. 4)
Furnished with (8) 3/8" nuts and bolts

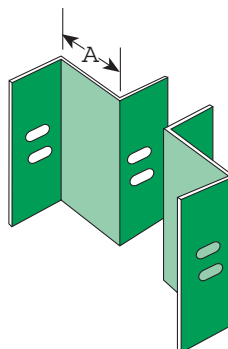
Splice Plates

4 Bolt Splice Plate

C6SSP200

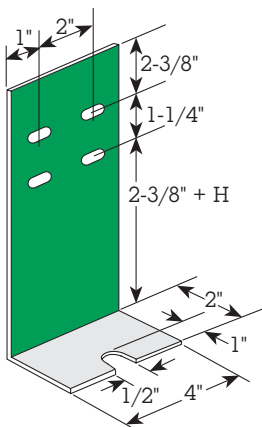


Reducer Splice Plates



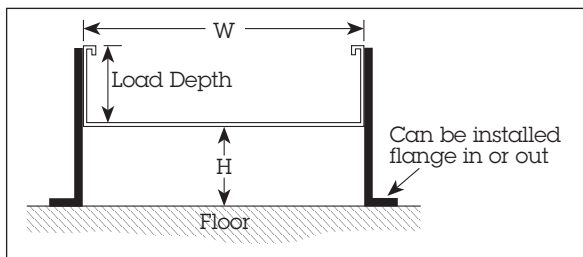
Raised Support Splice Plate

C6SSP200-H



Patented "Big Foot" Design.
H= Specify Height 2" to 12"

Basic Width	Reduces To	Dimension A	Weight (lbs.)	Part Number
18"	12"	3"	1.6	C6RS1812
	6"	6"	2.2	C6RS1806
12"	6"	3"	1.6	C6RS1206



Certified for use in Canada

CSA Load Class C22.2	Max. Load Kg/m	@ Support Span	Widths (in.)
A	37	3M	6, 12, & 18
C ₁	7	3M	24



Note: Com-Tray is a version of Chalfant's Series 6 Tray with a solid bottom and non-radius fittings. Locate Series 6 information (Section Three) for load and deflection data for spans not shown in this section.