



The RIGHT SOLUTIONS for Canada's Oil and Gas Industry

T&B Cable Tray Systems



Thomas & Betts

A Member of the ABB Group

What if you could get all the **right solutions** from one reliable Canadian source?

Engineers, contractors and end-users working in Canada's oil and gas industry need to effectively manage wire and cable logistics, without compromising integrity or safety, and often within tight budgets and deadlines.

Selecting the right cable tray manufacturer is a key decision that directly impacts the overall quality of electrical systems as well as project costs and schedules.

T&B Cable Tray Systems deliver the right solutions for Canada's oil and gas industry.

What if you could **reduce project costs** and benefit from local expertise?

From unique tray features and high-performance products, to innovative splice plates and proven installation alternatives that minimize structural support requirements, T&B Cable Tray provides engineers, installers and end-users with significant opportunities to reduce material and labour costs.

What's more, because T&B Cable Tray Systems are designed and manufactured in Canada, Thomas & Betts can offer quick deliveries backed by local, expert service.

Thomas & Betts is committed to providing Canada's oil and gas industry with the right solutions.

the RIGHT

TRAY

T&B high-strength aluminum tray is an oil and gas industry standard.

- Ladder, ventilated or solid tray in copper-free aluminum
- Large-radius aluminum tray offers custom support for tanks and towers
- Extra-long span 30' (9.14 meters) ladder tray

PLUS added benefits that only Thomas & Betts offers:

- **H-Beam Siderail Profile**

- Unique flange-out design for easy cable access
- Factory-punched square holes and carriage bolt combination allow for easy, one-tool installation

- **Special Rung Design**

- Extra-wide rung maximizes load-bearing surface, minimizing deflection
- Continuous strut profile rung accepts standard strut accessories
- Alternating rungs facilitate installation of accessories from top or bottom



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SPLICE

NEW!

Super-Duty Splice Plate™

- Dual purpose for expansion or mid-span splicing of aluminum trays
- Eliminates need for additional supports at expansion joints
- Saves material and labour costs

Over-Support Splice Adaptor

- Originally designed for modular aluminum system assemblies
- Supports are placed right under the joints on beams and struts
- Allows wider distribution of support, minimizing stress and deflection of the system
- No additional supports required

Snap-In Splice Plate

- Snaps into place for easy alignment and quick, hands-free installation
- 7" (177.8 mm) wide or 9" (228.6 mm) expansion splice
- Supplied standard with each straight length



Equal strength using less supports



More flexibility during installation



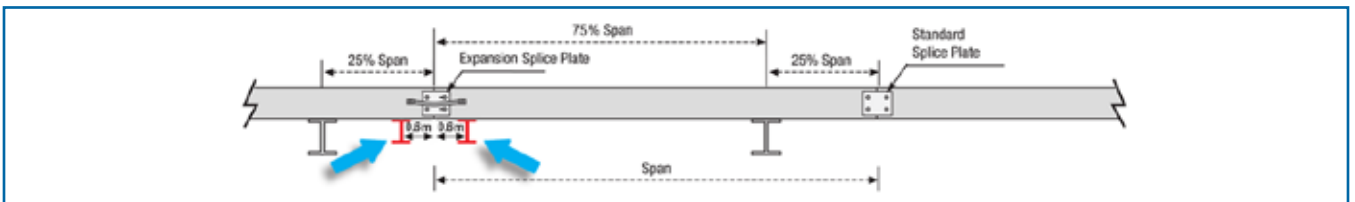
Ease and efficiency in a complete kit

REDUCE STRUCTURAL SUPPORTS AND SAVE

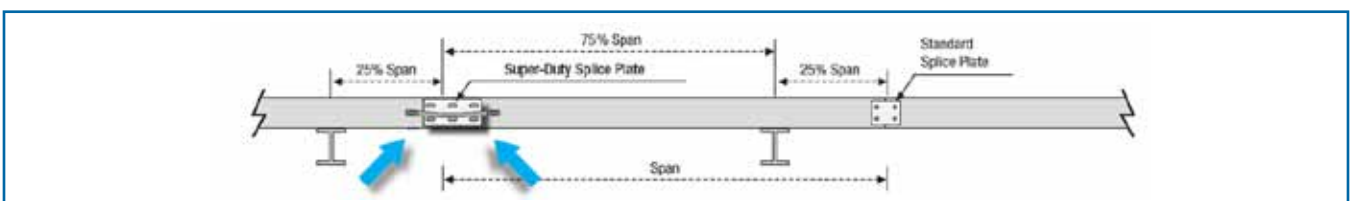
Expansion splicing with the Super-Duty Splice Plate™

Eliminate the need for additional supports at expansion joints with the Super-Duty Splice Plate™. Save on project material and labour costs.

NEMA INSTALLATION WITH ADDITIONAL SUPPORTS



NO ADDITIONAL SUPPORTS NEEDED WITH SUPER-DUTY SPLICE PLATE™



the RIGHT

SUPPORT SAVINGS

Reducing the number of structural steel supports required for cable tray runs significantly decreases project costs.

Extensive testing of all T&B Cable Tray fittings demonstrated that, in addition to NEMA-V2 recommendations, all fittings can be safely installed using either of the following installation alternatives for support locations:

Eliminate Fitting Support

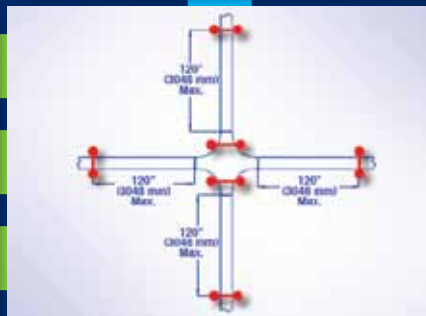
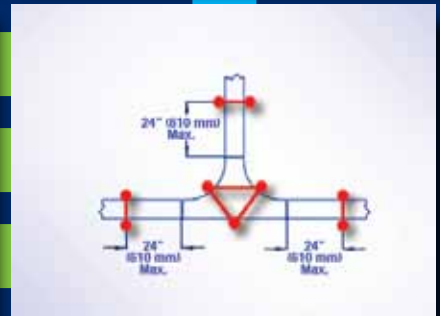
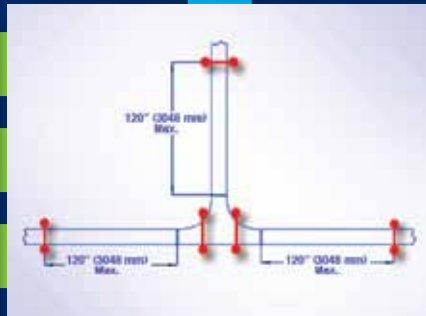
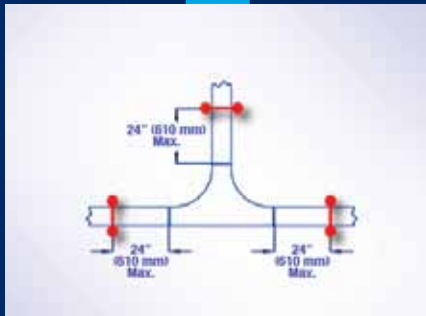
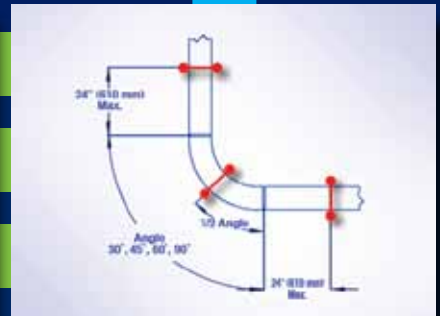
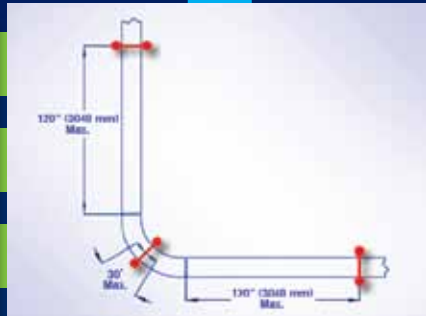
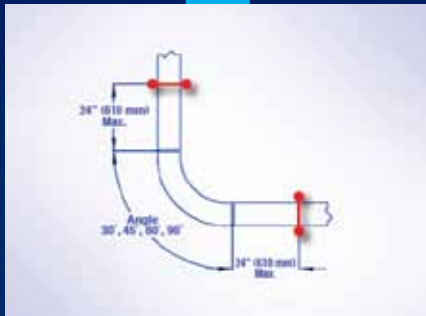
maintaining supports at a maximum distance of 24" (610 mm) from the splice

Extend Support Distance

to a maximum distance of 120" (3,048 mm) from the splice

NEMA-V2

Dedicated fitting support, supports at a maximum distance of 24" (610 mm) from the splice



Tested and approved for 6" siderail: Aluminum AH fittings for use with straight section series up to 56; aluminum AU fittings for use with straight section series up to 36; steel fittings for use with straight section series up to 46. A complete test report is available from your Thomas & Betts sales representative.

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DESIGN TOOLS

Integrate T&B Cable Tray product content into your designs.
Complete details at www.tnb.ca/en/cable-tray-design-tools/



CONNECT WITH CHOICES

For virtually any industry application, Thomas & Betts offers a complete range of wire and cable management solutions.

- **T&B Ladder Tray Systems**
 - Aluminum, steel and stainless steel cable tray
 - Large-radius and long support span cable tray
 - Nonmetallic cable tray
- **T&B One-Piece Tray and Channel Tray**
- **ExpressTray® Wire Basket Tray**
- **SpeedTray® Light-Duty Cable Tray**
- **Superstrut® Metal Framing Channel and Accessories**
- **Complementary products including tray/teck cable termination products, grounding products, metal framing and hardware, and more**

CONNECT WITH THOMAS & BETTS

With a variety of providers to choose from, industry leaders often see Thomas & Betts as the logical first choice, for a variety of reasons:

- Preferred supplier to Canadian industry for close to a century
- A wide range of ever-evolving quality products and superior solutions customized to meet application-specific challenges
- An established company invested and committed to helping engineers, contractors and end-users reduce costs while increasing performance and safety
- T&B Cable Tray designed and manufactured in Canada, with manufacturing facilities strategically located in Edmonton, Alberta, and another near Montreal, Quebec
- Fast turnaround, custom delivery schedules, local services and support
- 80% of products sold in Canada are also manufactured here



- **Atlantic Provinces**

Tel.: (902) 450-1307
Toll Free: 1-877-862-4357

- **Quebec**

Tel.: (450) 466-1102
Toll Free: 1-800-465-1399

- **Ontario**

Tel.: (905) 858-1010
Toll Free: 1-877-291-7771

- **Manitoba/Saskatchewan**

Tel.: (604) 598-9811
Toll Free: 1-866-540-8220

- **Alberta**

Tel.: (780) 424-7092
Toll Free: 1-888-664-5666

- **British Columbia**

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