

FLEXTRAY™ wire basket field fittings

The ability to create fittings in the field is one of the key advantages of working with Flextray! Cutting and bending Flextray to make directional changes has the following benefits:

- Adaptability to go around unexpected obstructions on-site
- Reduced pre-planning to determine the fittings required
- Simplified bills of material with fewer line items

The 2014 National Electrical Code permits cable tray systems to be modified in the field in Section 392.18(A) as follows:

(A) Complete System. Cable trays shall be installed as a complete system. Field bends or modifications shall be so made that the electrical continuity of the cable tray system and support for the cables is maintained.

Flextray is a wire basket cable tray system. UL classifies cable tray systems for electrical continuity, and requires manufacturers with classified systems to specify the appropriate cross-sectional area of the grounding metal on a label on the side of the tray. UL also classifies splices for their ability to conduct current.

In order to maintain the electrical continuity of the Flextray system, we recommend using one of two options:

Option 1: UL Classified Splices

Use the recommended quantity of UL classified splices to connect sections and at places where the tray is cut.

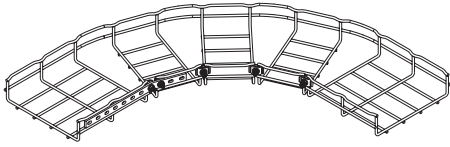
Option 2: Ground Wire

Run an appropriately sized ground wire alongside the tray. Attach it to each tray section on both sides of a cut in the tray (this method is recommended by NEMA VE-2 installation manual).

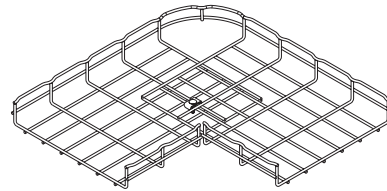


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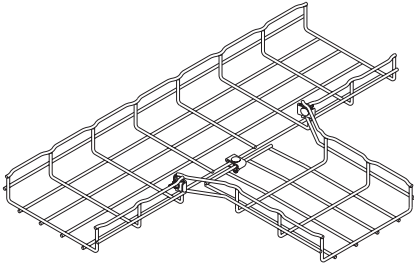
90° Horizontal Bend (Long Radius)



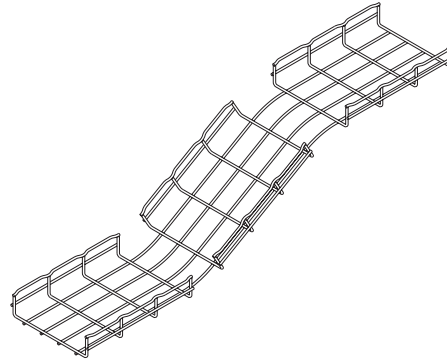
90° Horizontal Bend (Short Radius)



Horizontal Tee



Vertical Inside & Outside Bends



Flextray Cutters

- Exclusive, patented CLEANSHEAR™ cuts tray fast
- No sharp edges
- Designed specifically for cutting Flextray
- Safely cut and bend Flextray into any configuration

Part #	Description	Qty/Box	Wt./Box	
			lbs.	kg.
CLEANSHEAR	CLEANSHEAR Cutting Tool	1	4.3	1.95

Don't forget to prevent sharp edges and make a flush cut, use the patented Flextray Cleanshear™ for all your job site cuts.



1 Face tray up. Slide cutter next to vertical wire and cut.



2 Turn tray to the side with open side facing you. Repeat step 1 to cut wire.



3 Finish cutting all side wires.



4 Turn tray open-side down and cut wires from bottom of tray.



5 Finish cutting by moving to other side of tray to cut remaining wires,

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