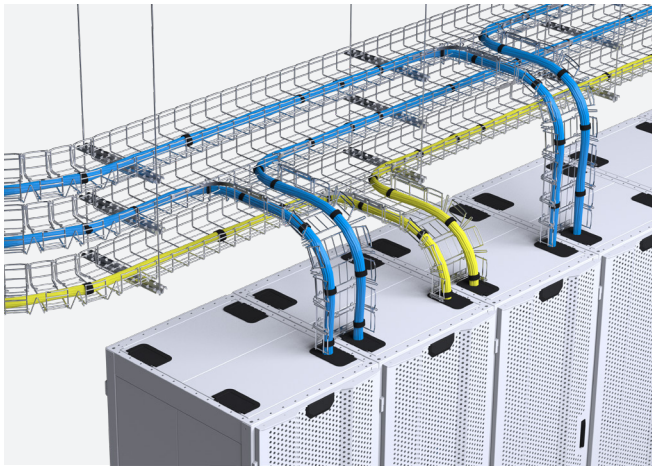
CABLOFIL®
Cablobend™ Systems



Turn Hours into Minutes.

No more cutting to make most bends. Experience an entirely new way of working on your next project. Every project requires numerous cable tray bends and drops — sometimes hundreds per project. With traditional cutting and bending, each drop can take hours to complete. With patent-pending Cablobend, you have the freedom to flexibly create the bends and drops that you need.

Features & Benefits

- **Optimal flex wires.** The optimized balance of strength and speed for the quickest up-and-down bends in the industry
- **Save hours per bend.** Shrink your installation time to as little as 15 minutes per bend with zero cutting required on thousands of bends in a single project.*
- **Wide range of adjustability.** Vertical and horizontal angle adjustability to 90° to fit any configuration
- **Safer installation.** No need for cutting tools and less time on elevated areas for installation
- **Load capacity.** Same as field cut and formed bends
- **Variety of widths and combinations.** Heights of 2", 4" or 6" combined with widths from 6" to 24" to create the vertical bends, vertical elevation changes, horizontal offset changes and horizontal bends that you need
- **Included clips to make sections rigid.** Create rigid sections if needed or leave flexible sections for bends and drops
- **Fully assembled and ready-to-use.** Increases efficiency in the field
- **UL Classified.** Meets UL classification. Cablobend black painted tray provides a UL rated bonding location on both ends of every bend assembly

*Cutting is not necessary in the field unless shortening the length of the tray.

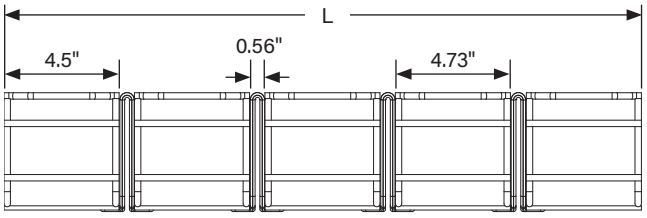
Vertical Markets

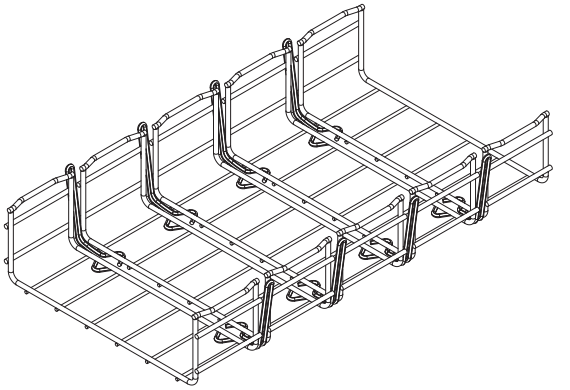
- Data Center
- Commercial
- Hospitality
- Education
- Entertainment

Compliance

cULus Listed
RoHS Compliant

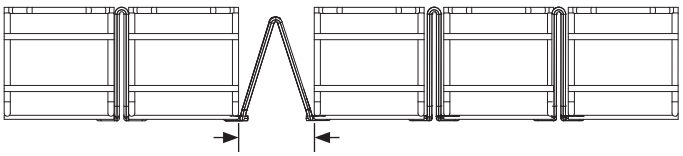
Cablobend Product Configurations Detail





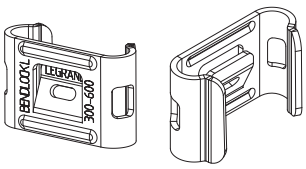
STRETCH

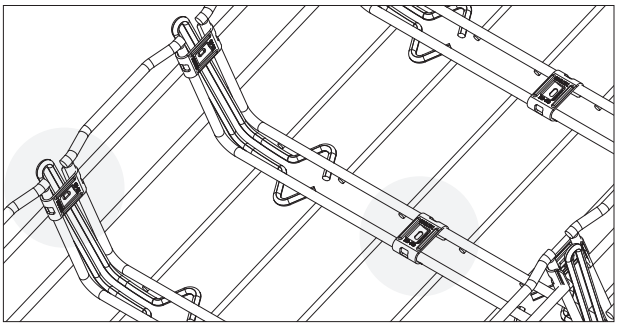
- Maximun gap between segments
  5" - (2-4" recommended as a best practice)



BENDLOCKS

- Use Bendlocks (included) to lock segments together for rigidity where needed





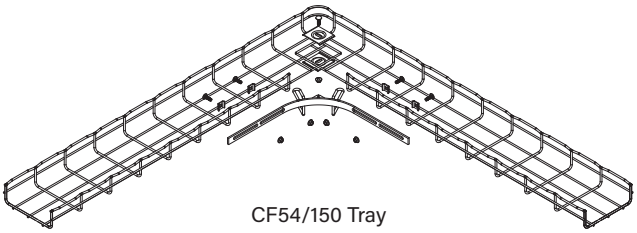
Product Ordering

PART NAME	DEPTH	WIDTH	LENGTH	SECTIONS
CABLOBEND 54/150*	54mm (2")	150mm (6")	480mm (18.9")	4
CABLOBEND 54/200*		200mm (8")		
CABLOBEND 54/300*		300mm (12")	605mm (23.9")	5
CABLOBEND 54/450*		450mm (18")	730mm (28.8")	6
CABLOBEND 54/600*		600mm (24")	985mm (38.8")	8
CABLOBEND 105/150*	105mm (4")	150mm (6")	480mm (18.9")	4
CABLOBEND 105/200*		200mm (8")		
CABLOBEND 105/300*		300mm (12")	605mm (23.9")	5
CABLOBEND 105/450*		450mm (18")	730mm (28.8")	6
CABLOBEND 105/600*		600mm (24")	985mm (38.8")	8
CABLOBEND 150/150*	150mm (6")	150mm (6")	480mm (18.9")	4
CABLOBEND 150/200*		200mm (8")		
CABLOBEND 150/300*		300mm (12")	605mm (23.9")	5
CABLOBEND 150/450*		450mm (18")	730mm (28.8")	6
CABLOBEND 150/600*		600mm (24")	985mm (38.8")	8

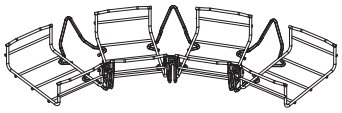
*Represent finish. Add suffix "EZ" for silver electrozinc look or "BL" for black powder coat.
Each Cablobend Kit comes with Bendlock Kit for securing individual segments not being modified to increase rigidity of the final fitting.

Horizontal Bend 90 Degrees

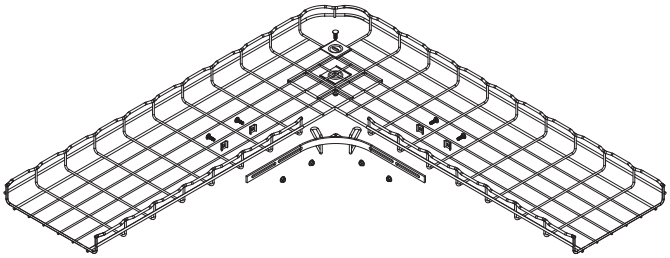
Cut and Bend	Cablobend
BOM (Bill of Material) Qty 1 - CF54/300EZ Qty 1 - CE40EZ Qty 1 - RADT90EZ	**BOM (Bill of Material)** Qty 1 - Cablobend
INSTALLATION Cut Tray Assemble Tray Cut Ends to Fit	**INSTALLATION** Stretch Tray to Fit



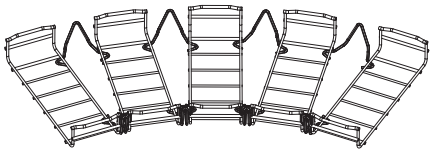
CF54/150 Tray



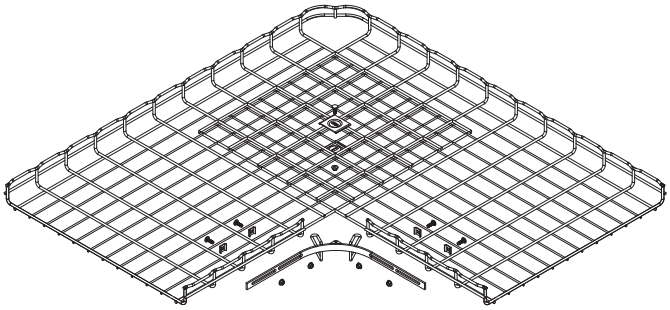
CF54/150 Cablobend



CF54/300 Tray



CF54/300 Cablobend



CF54/600 Tray

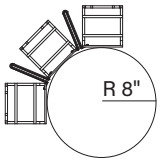
CF54/600 Cablobend

Cablobend Product Capabilities Detail

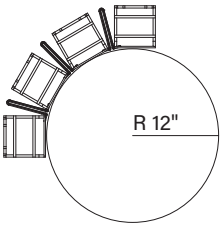
Making a Vertical Drop:

1. Evaluate the below diagrams to determine which provides the best fit
2. Modify the Cablobend by cutting the appropriate sections and/or bending individual sections for best fit
3. Lock in unbent sections with bend clips to improve fitting rigidity
4. Splice Cablobend to adjacent tray straight sections with UL listed SWKs

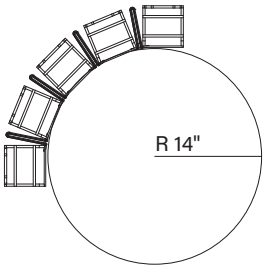
Radius - Vertical Bend 90 Degree With One Rigid Section On End



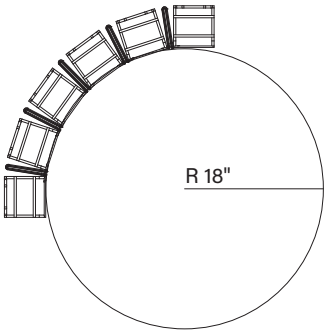
3 Sections



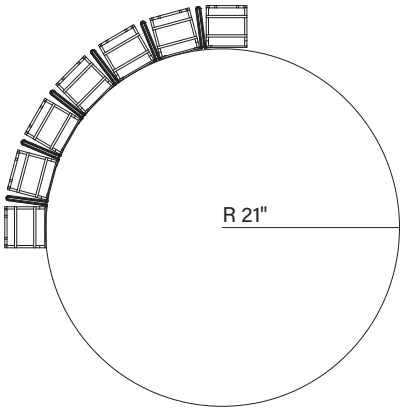
4 Sections



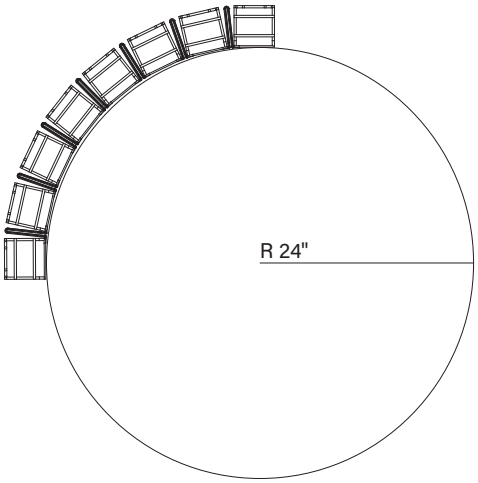
5 Sections



6 Sections



7 Sections

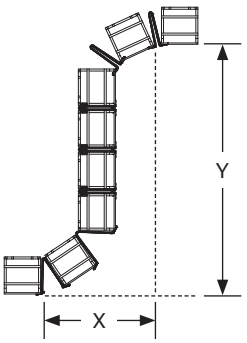


8 Sections

Cablobend Product Configurations Detail

Making a Vertical Elevation Change:

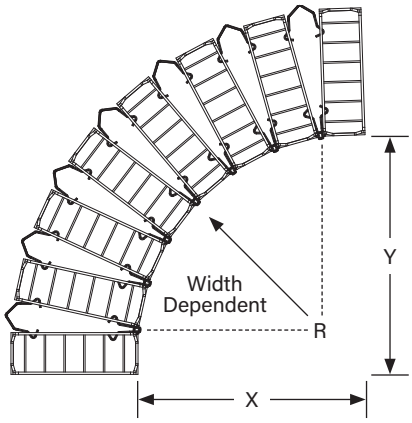
1. Evaluate the below diagram and chart to determine which provides the best fit
2. Modify the Cablobend by cutting the appropriate sections and/or bending individual sections for best fit
3. Lock in unbent sections with Bend clips to improve fitting rigidity
4. Splice Cablobend to adjacent tray straight sections with UL listed SWKs



VERTICAL ELEVATION CHANGE			
No. of Sections	**Distance (X)**	**Distance (Y)**	**≈ Radius**
8	11"	29.5"	6"
7	11"	25"	6"
6	11"	20"	6"
5	11"	15.5"	6"
4	9"	8.8"	10"
3	6.5"	4"	6"

Making a Horizontal 90 Bend:

1. Evaluate the below diagram and chart to determine which provides the best fit
2. Modify the Cablobend by bending individual sections for best fit
3. Lock in unbent sections with bend clips to improve fitting rigidity
4. Splice Cablobend to adjacent tray straight sections with UL listed SWKs



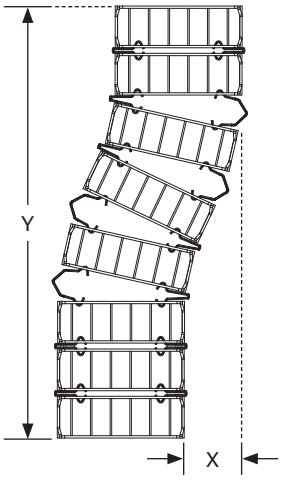
HORIZONTAL BEND 90 DEGREE (TIGHT AS POSSIBLE)				
Tray Width	**No. of Sections**	**≈ Radius (I)**	**≈ Radius (O)**	**Angle**
6"	4	6"	12"	90°
8"	4	7"	15"	90°
12"	5	11"	23"	90°
18"	6	3"	28"	90°
24"	8	20"	44"	90°

Larger radius and smaller siderail tray gaps can easily be developed using more bend segments than shown above.

Cablobend Product Configurations Detail

Making a Horizontal offset:

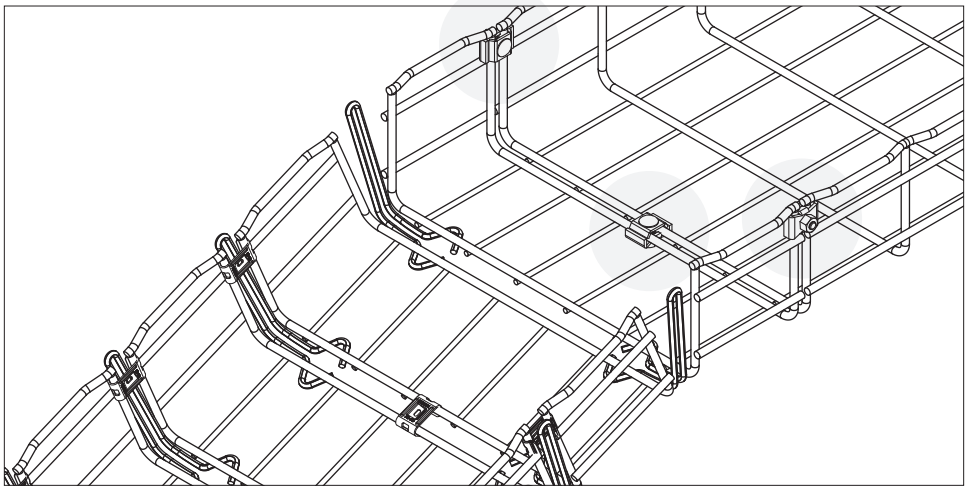
1. Evaluate the below diagram and chart to determine which provides the best fit
2. Modify the Cablobend by cutting the appropriate sections and/or bending individual sections for best fit
3. Lock in unbent sections with bend clips to improve fitting rigidity
4. Splice Cablobend to adjacent tray straight sections with UL listed SWKs



HORIZONTAL OFFSET CHANGE			
No. of Sections	**Tray Width**	**Distance (X)**	**Distance (Y)**
4	6"	0" - 9"	19" - 23"
4	8"	0" - 7.5"	19" - 24"
5	12"	0" - 8.25"	24" - 29"
7	4"	0" - 9.5"	28" - 37.75"
8	24"	0" - 14.5"	38.75" - 50"

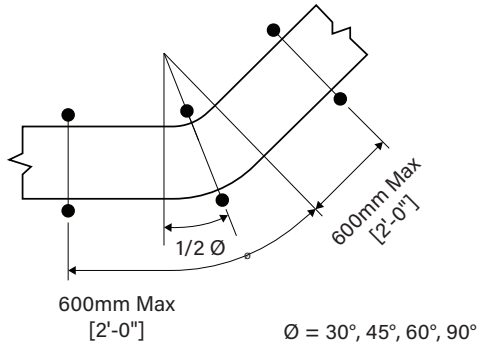
SWK Splicing (UL listed)

Use SWKs to connect any Cablobend to adjacent trays.



Remember to support cable tray per NEMA VE2 to maintain load capacity.

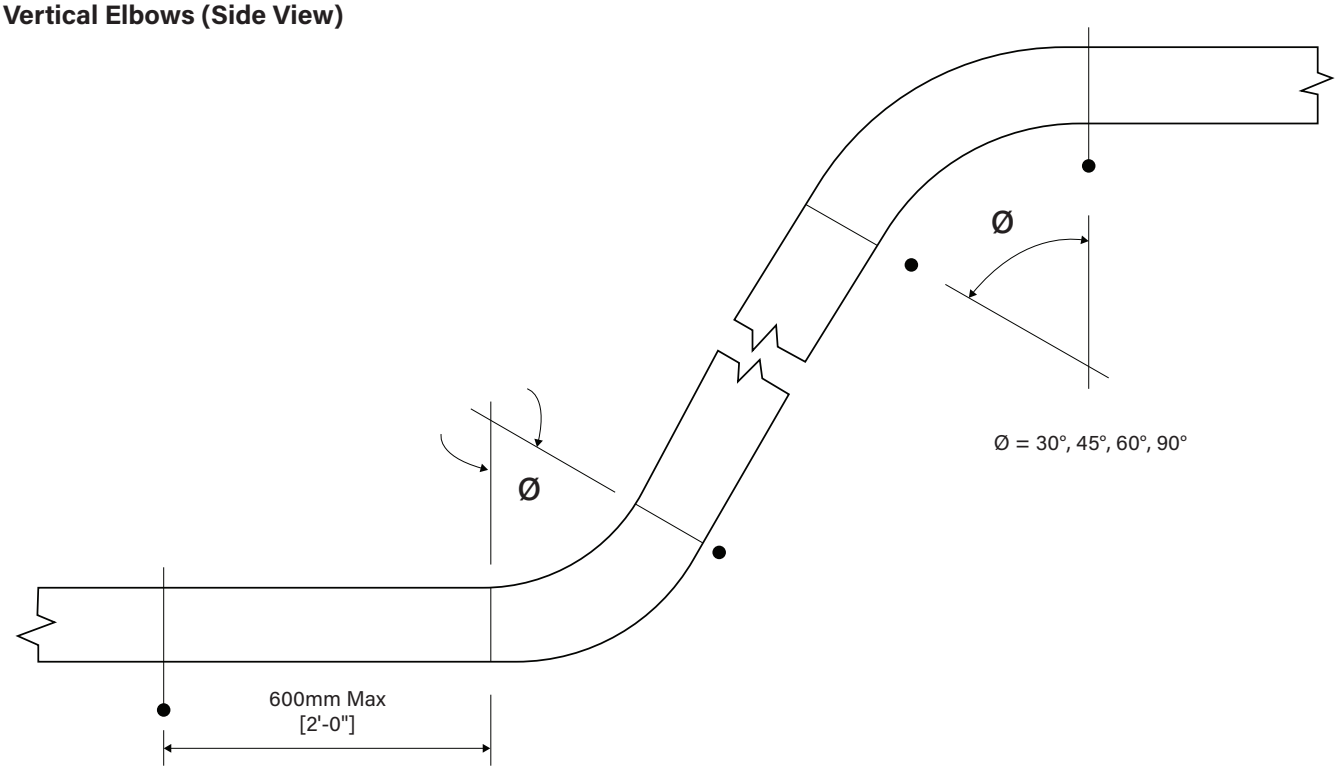
Horizontal Elbows



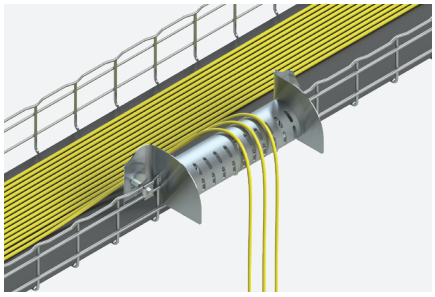
Vertical Cable Tray Elbows

Vertical cable tray elbows at the top of runs should be supported at each end. At the bottom of runs, they should be supported at the top of the elbow and within 600 mm (2 ft.) of the lower extremity of the elbows.

Vertical Elbows (Side View)

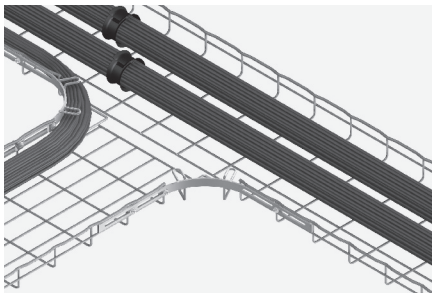


Other Labor-Saving Products from Cablofil



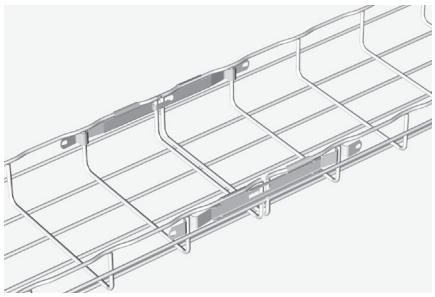
UDO

- Ideal dropout for copper, fiber optic or PoE cabling
- Mounts without cutting or modifying tray
- Available in 8", 12", 18" and 24" wide x 2" deep versions
- The 180 bend ensures a smooth transition for cables
- Slot design allows for simple installation – no mounting hardware required
- Use tie down slots to secure cables exiting and entering the tray



RADT 90 KIT

- One kit contains two Radius Splice, ten EZBN 1/4, eight CE 25 and four CE 40.
- Provides a sturdy radius tee that facilitates pulling MC or large power cables.
- Top wire loops help contain cable in tray while being pulled.
- One kit contains hardware for one tee or two 90˚ bends.
- UL Classified Splice.



EDRN

- Fastest splice available from the Cablofil product line. Saves up to half the install time compared to bolted connections.
- Special assembly tool (EDRNTOOL) is included in every bag of splices.
- UL Classified Splice.
- 7/16 hex in handle doubles as a SWK wrench.

NOTE: The paper used to print this document is an environmentally responsible paper with 10% post consumer waste, with FSC and SFI Chain of Custody certifications, Lacey Act complaint. 100% of the electricity used to manufacture Flo sheets is generated with Green-e certified renewable energy.

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