QUEST MANUFACTURING CO.™

Wire Mesh Cable Tray System
for Channeling of Cable Wiring

A Simple-to-Install basket cable tray for safe and proper installation of facility wiring in the ceiling and under the floor.

CUT-BEND-CLAMP
FOR EASY INSTALLATION!

Wall Mount

Floor Mount
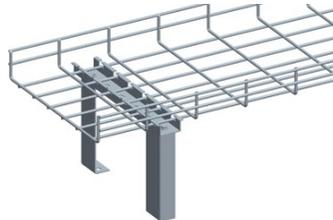
Ceiling Mount

Tray Splices
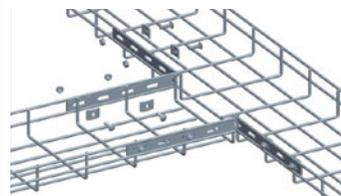
Corners
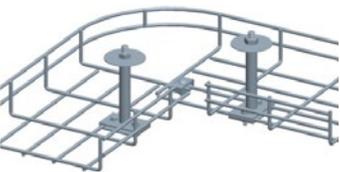
Custom Configurations
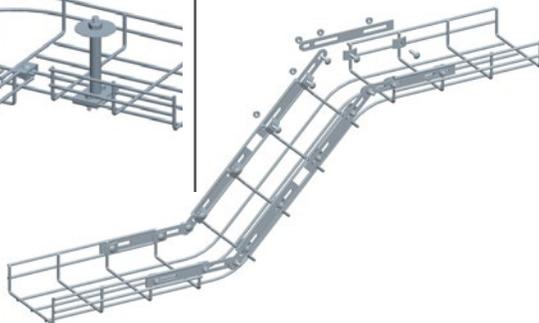
Features
► Available in 5 ft. and 10 ft. lengths
► Electro Zinc Plated for a professional look
► Full line of accessories are available to mount on the wall, from the ceiling or under the floor
► Cuts easily with bolt cutter for custom configurations
► Cable Trays bolt together to any custom configuration
► Stackable Cable Guides available to separate and secure cables in place
► Complete line of accessories available

Cable Tray Material
► Carbon Steel Q235

Surface Finish for cable basket trays
► Electro zinc plating for indoor usage according to BS EN 12329-2000

Dimensions for cable basket trays
► Height: 2" (50 mm)
► Widths: 4", 6", 8", 12" (100, 150, 200, 300 mm)
► Length: 5', 10' (1524, 3048 mm)
► Diameters of tray wires: 0.18" (4.5 mm)

Scan here to View
Cable Tray Video

Wire Mesh Cable Tray Specifications

Item No.	Description	Color	Dimensions						Unit Weight	
			Length		Width		Height		(lbs)	(kg)
CT0504-03	5FT CABLE TRAY, 4"W x 2"H, ZINC	Silver	5ft	1524mm	4"	100mm	2"	50mm	4.2	1.9
CT1004-03	10FT CABLE TRAY, 4"W x 2"H, ZINC	Silver	10ft	3048mm	4"	100mm	2"	50mm	8.4	3.8
CT0506-03	5FT CABLE TRAY, 6"W x 2"H, ZINC	Silver	5ft	1524mm	6"	150mm	2"	50mm	5.1	2.3
CT1006-03	10FT CABLE TRAY, 6"W x 2"H, ZINC	Silver	10ft	3048mm	6"	150mm	2"	50mm	10.1	4.6
CT0508-03	5FT CABLE TRAY, 8"W x 2"H, ZINC	Silver	5ft	1524mm	8"	200mm	2"	50mm	5.9	2.7
CT1008-03	10FT CABLE TRAY, 8"W x 2"H, ZINC	Silver	10ft	3048mm	8"	200mm	2"	50mm	11.9	5.4
CT0512-03	5FT CABLE TRAY, 12"W x 2"H, ZINC	Silver	5ft	1524mm	12"	300mm	2"	50mm	7.5	3.4
CT1012-03	10FT CABLE TRAY, 12"W x 2"H, ZINC	Silver	10ft	3048mm	12"	300mm	2"	50mm	15.0	6.8

Wire Mesh Cable Tray Construction

Material
► Carbon Steel Q235

Surface Finish
► Electro zinc plating ($>= 12 \mu$ m)
► according to BS EN 12329-2000

Application
► For Indoor use

Dimensions for cable basket trays
► Height: 2" (50 mm)
► Widths: 4", 6", 8", 12" (100, 150, 200, 300 mm)
► Length: 5', 10' (1524, 3048 mm)
► Diameters of tray wires: 0.18" (4.5 mm)

### Cable Tray Wire Spacing
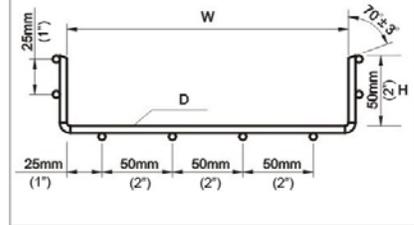
Widths	
inch	mm
4"	100mm
6"	150mm
8"	200mm
12"	300mm

Loading Capability of Cable Tray Wire Baskets

| Cable Tray Wire Diameter = 0.2" (5mm)		Span (max distance between two brackets = 4.92ft)			
Height (inch)	Width (inch)	5ft		10ft	
		Loading Weight per Span	Loading Weight per Piece	Loading Weight per Span	Loading Weight per Piece
2"	4"	51 lbs/ft	255 lbs (114kgs)	51 lbs/ft	510 lbs (228ksg)
2"	6"	52 lbs/ft	260 lbs (115.5kgs)	52 lbs/ft	520 lbs (231kgs)
2"	8"	53 lbs/ft	265 lbs (118.5kgs)	53 lbs/ft	530 lbs (237kgs)
2"	12"	57 lbs/ft	285 lbs (127.5kgs)	57 lbs/ft	570 lbs (255kgs)

4" Width - Holds up to (128) Cat5E/Cat6 Cables
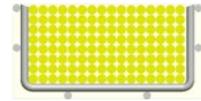
6" Width - Holds up to (192) Cat5E/Cat6 Cables
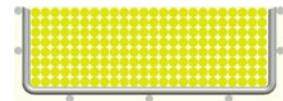
8" Width - Holds up to (256) Cat5E/Cat6 Cables
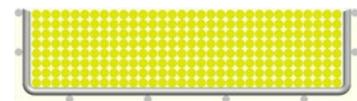
12" Width - Holds up to (384) Cat5E/Cat6 Cables

	Nut & Bolt Coupler	Strengthening Bar Coupler	Fast Splice Coupler
	Option #1 (CT0001-03)	Option #2 (CT0002-03)	Option #3 (CT0007-03)
Straight Connection			

STYLE	CUT	BEND & CLAMP
Cross-Joint: Square Corner		 * Requires: (8) CT0001-03
T Connector: Square Corner		 * Requires: (2) CT0003-03
T Connector: Rounded		 * Requires: (2) CT0001-03 (2) CT0004-03
Cross-Joint: Rounded Corner		 * Requires: (4) CT0001-03 (2) CT0004-03
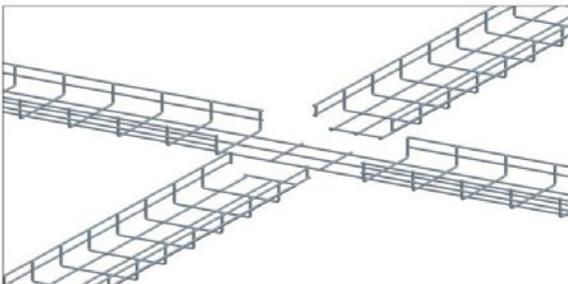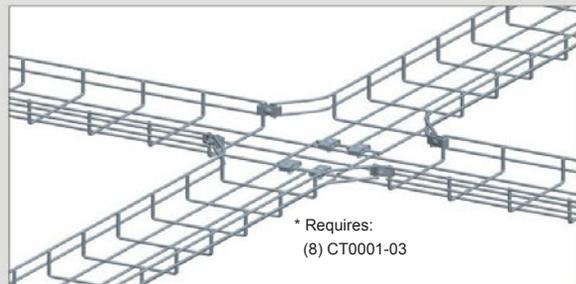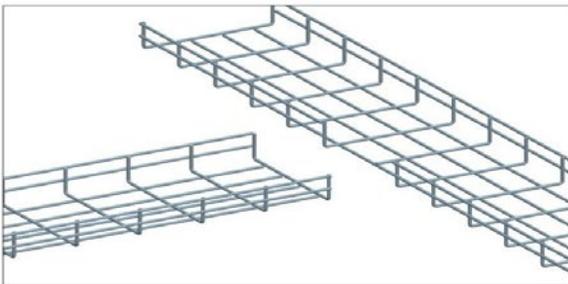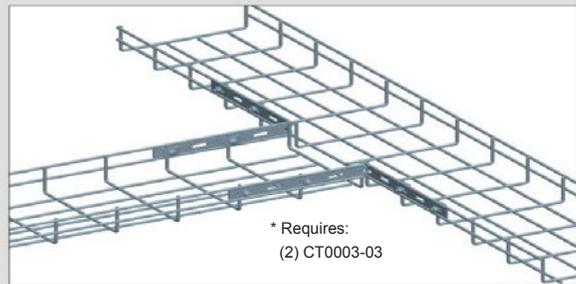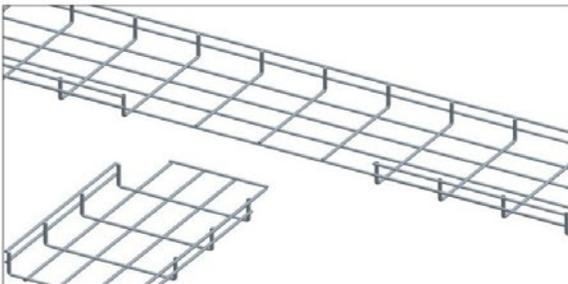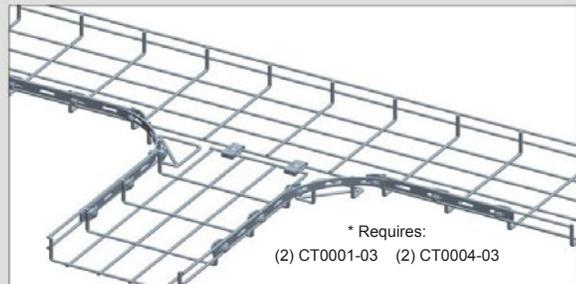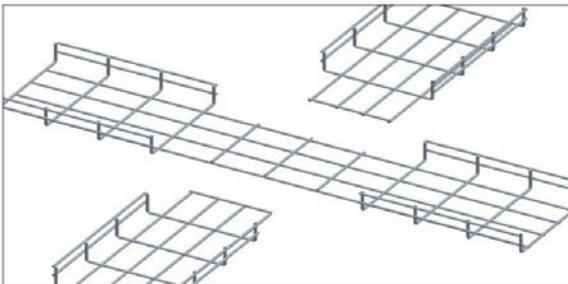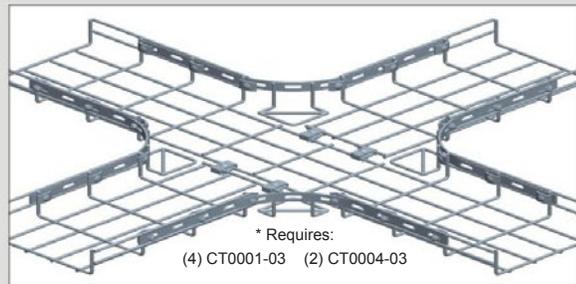
Cutting & Bending Guides

STYLE	CUT	BEND
Internal Riser		
External Riser		
Zigzag/Slope		
Zigzag/Slope with Bar		 * Requires: (4) CT0005-03
Reducer		 * Requires: (3) CT0001-03 (1) CT0002-03
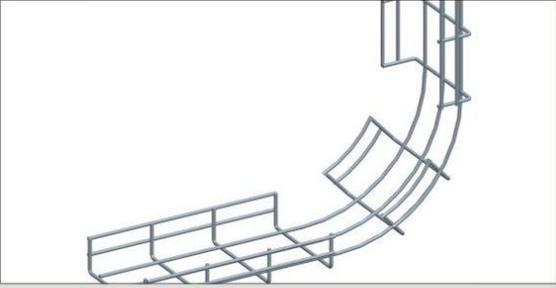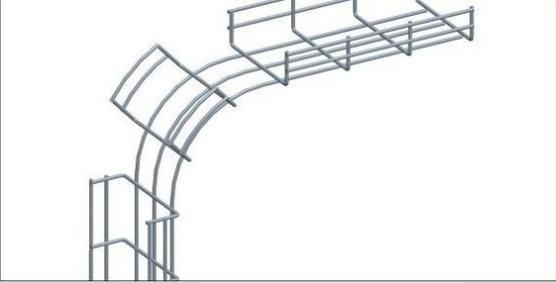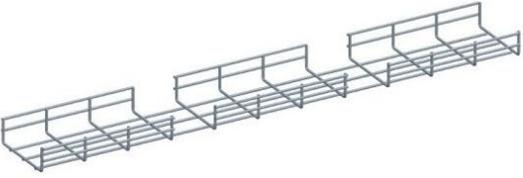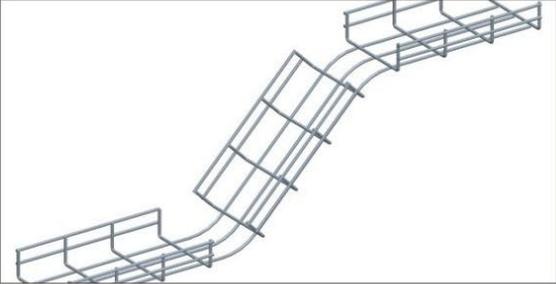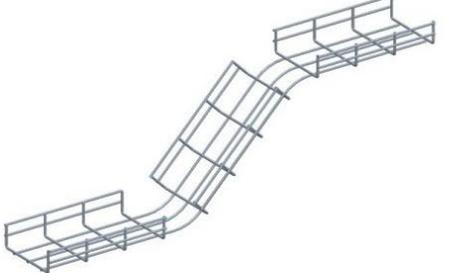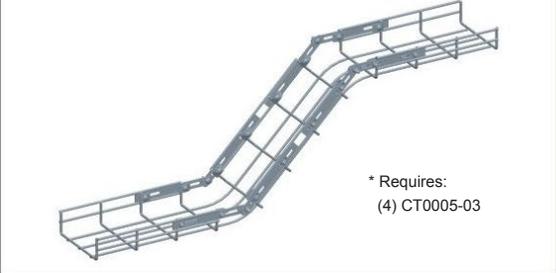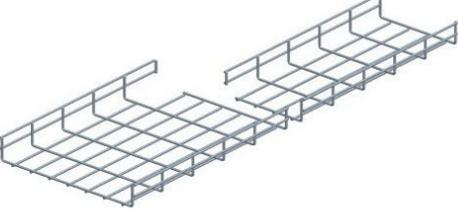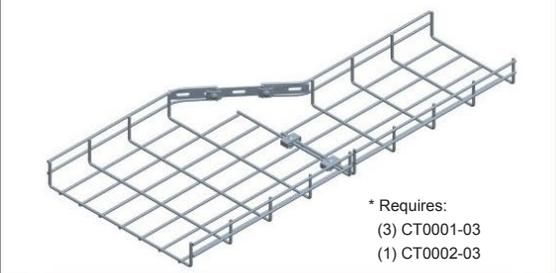
Safety Precaution

Always use safety goggles and work gloves for your protection when installing cable tray!

| STYLE	CUT	BEND
Rounded Corner 4" - 100 mm 6" - 150 mm		* Requires: (1) CT0001-03
Rounded Corner 8" - 200 mm		* Requires: (1) CT0001-03
Rounded Corner 12" - 300 mm		* Requires: (2) CT0001-03
Square Corner		* Requires: (4) CT0001-03
Angled Corner		* Requires: (1) CT0001-03
Radial Corner		* Requires: (3) CT0001-03
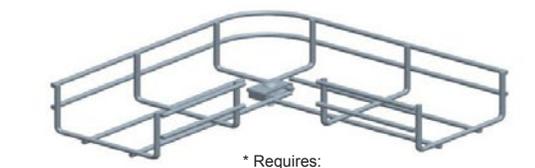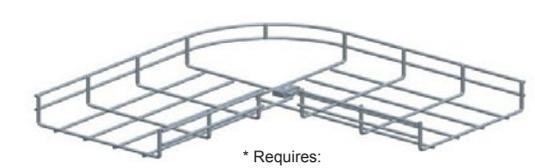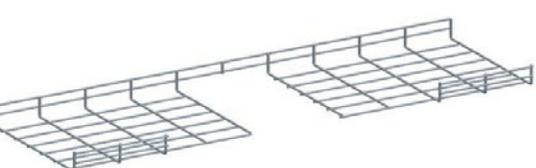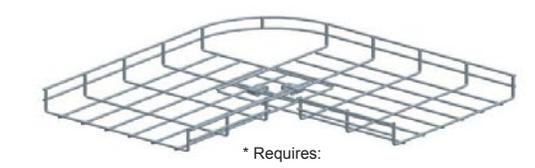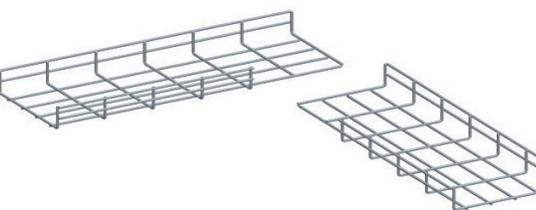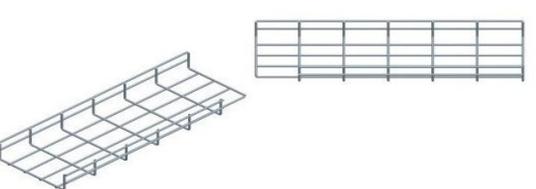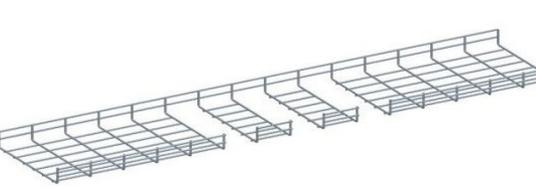
Safety Precaution

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Nut & Bolt Coupler

CT0001-03

For connecting two straight sections of cable tray (Hardware included)

Boltless Coupler

CT0009-03

For connecting bottom of two straight sections of cable tray

Fast Lock Coupler

CT0006-03

For boltless connection creating bends in cable tray

Strengthening Bar Kit

CT0002-03

For connecting two straight sections of cable tray (Hardware included)

Fast Splice Bar Kit

CT0007-03

For boltless connection of two straight sections of cable tray

Fast Splice Handle Tool

CT0008-03

For use in installing and removing *Fast Splice Bars*

Corner Bar Coupler

CT0003-03

For making squared T's and Cross connections (Hardware included)
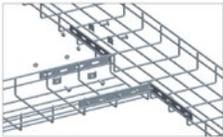
Curved Bar Coupler

CT0004-03

For making curved T's and Cross connections (Hardware included)
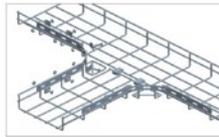
Adjustable Connector Coupler

CT0005-03

For strengthening internal and external bends of cable tray (Hardware included)

Spider Coupler

CT0019-03

For connecting two straight sections of cable tray

Central Hold-Down

CT0031-03

For connecting sections of cable tray directly to floor

Cable Guide

CT0032-03

For guiding cable at a right angle smoothly out of cable tray

Ceiling Hanging Hooks

CT0014-03

For mounting of 4/6/8" wide cable tray from the ceiling. Requires Threaded Bars
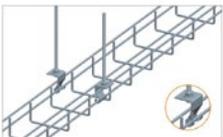
Ceiling Hanging Bar

4" CT0010-04-03
6" CT0010-06-03
8" CT0010-08-03
12" CT0010-12-03

For mounting of cable tray from the ceiling. Requires Threaded Bars
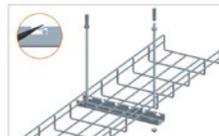
White Rubber End Caps

CT0037-08

For terminating end of cable trays for users protection against sharp edges

I-Beam Mounting Clamp

CT0016-03

For attaching 3/8" threaded rods for hanging cable trays from ceiling
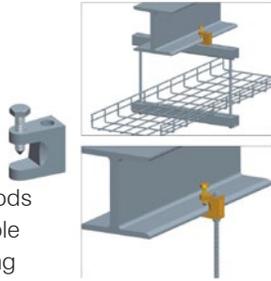
3/8" Threaded 3ft (1m)Rod

CT0011-03

For hanging cable tray directly to ceiling (Includes Anchor, Rod and (2) M10 Nuts)

Ceiling Hanging Bar Kit

4" *CT0013-04-03*
6" *CT0013-06-03*
8" *CT0013-08-03*
12" *CT0013-12-03*

For hanging cable tray directly to ceiling (Includes: (2) Anchors, (2) Rods, (4) M10 Nuts, and (1) Hanging Bar)

'L' Wall Bracket

4" *CT0025-04-03*
6" *CT0025-06-03*
8" *CT0025-08-03*
12" *CT0025-12-03*

For hanging cable tray directly to wall (Requires Mounting Anchor Bolts)

'V' Wall Bracket

4" *CT0026-04*
6" *CT0026-06*
8" *CT0026-08*
12" *CT0026-12*

For hanging cable tray directly to wall (Requires Mounting Anchor Bolts)

'T' Wall Bracket Kit

4" *CT0022-04-02*
6" *CT0022-06-02*
8" *CT0022-08-02*
12" *CT0022-12-02*

For hanging cable tray directly to wall. (Requires Mounting Anchor Bolts)

Flag Floor Stand

4" *CT0029-04-03*
6" *CT0029-06-03*
8" *CT0029-08-03*
12" *CT0029-12-03*

For mounting cable tray directly to floor (Requires Mounting Anchor Bolts)

Cabinet & Floor Stand

4" *CT0017-04-03*
6" *CT0017-06-03*
8" *CT0017-08-03*
12" *CT0017-12-03*

For mounting cable tray directly to cabinet top or floor (Requires Mounting Anchor Bolts)

Cable Roller Guide

CT0033-03

For protecting cables on corners and to maintain Cat5E/Cat6 compliance
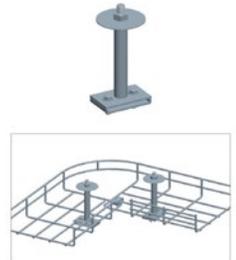
Flag Ceiling Bracket

4" *CT0028-04-03*
6" *CT0028-06-03*
8" *CT0028-08-03*
12" *CT0028-12-03*

For hanging cable tray directly to ceiling. (Requires Mounting Anchor Bolts)

'T' Ceiling Hanger

CT0015-03

For hanging cable tray directly to ceiling. (Requires Mounting Anchor Bolts)

Copper Grounding Bolt

CT0039

For attaching of cable tray ground wire to earth ground
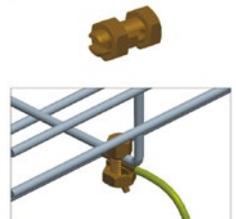
Stackable Cable Guide Top (Gray)

CT0043

For channeling and organizing LAN cables in cable tray (Use with CT0044)
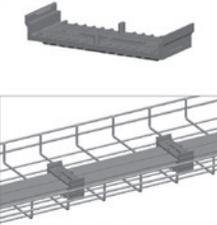
Cable Guide Bottom (Gray)

CT0044

For channeling and organizing LAN cables in cable tray (Use with CT0043)

Heavy Duty Bolt Cutter

CT0045

For cutting wire mesh cable tray to custom lengths and sizes

Cable Tray Essentials

Anchor Bolt

2⅜" length   CT0046

Flanged Hex Nut

M8   CT0047-08-03
M10   CT0047-10-03

M10 Hex Nut

CT0048-10-03

M8 Carriage Bolt

3/4" length   CT0049-820-03

M10 Flanged Hex Bolt

3/4" length   CT0050-1020-03
2½" length   CT0050-1065-03

M10 Threaded Rod Coupler

1½" length CT0051-1040-03

M10 Female to Female
Rod Extension
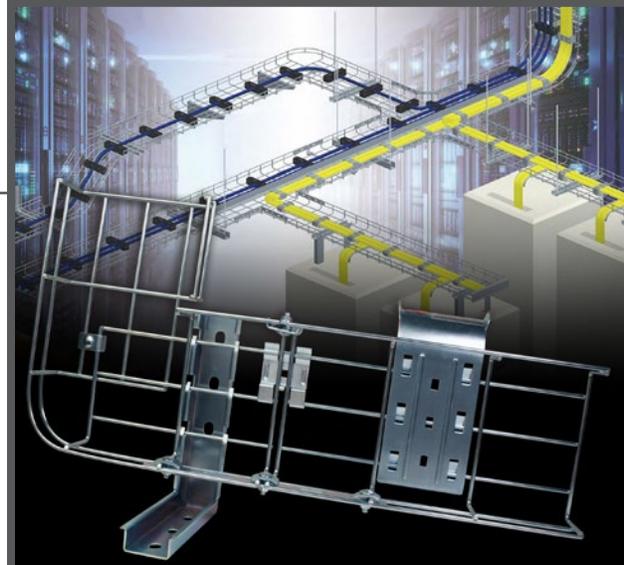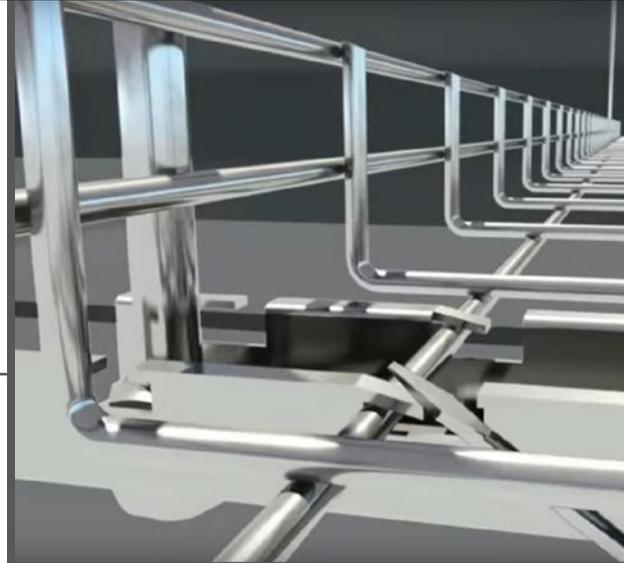
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