



CommScope MPO Trunk Cable

1 Gather required tools and locate the cable. It will either be on a lazy susan (a) or within a carton (b). Depending on cable size, the carton may contain a reel.



REQUIRED TOOLS	
QUANTITY	DESCRIPTION
1	BOX CUTTER
1	SNIPS



2 Open package containing cable.
a If lazy susan, remove wing nuts, lift off cover, remove packing material.



b If carton, open with box cutter. remove packing material.



3 Using snips, cut open and remove plastic bag containing cable.



4 Separate off lead end of cable assembly with pulling sock. Carefully pull sock and attached cable to destination panel.



5 Remove the pulling sock and protective wrap from the lead end of the cable, as follows (a-j below).

a Remove first zip tie (visible at start).



b Slide mesh in direction shown.



c Remove second zip tie (just uncovered)



d Slide mesh in direction shown over cable end.



e Remove third zip tie (uncovered in step d).



f Slide mesh in direction shown to uncover corrugated tube.



g Slide mesh off of corrugated tube.



h Unwind plastic wrap from corrugated tube. Discard.



i Slide corrugated tube off of cable.



j Remove vinyl tape. Slide bag to remove.



6 Remove protective wrapping on second end of cable. This procedure is the same as just done for the lead end of the cable. Refer to step 5 and repeat sub-steps from a to j at left for second end of cable.

7 Install cable mounting bracket on rack or cabinet. UMB-RMB-LG (RACK) UMB-CMB-LG (CABINET)

Select version needed based on space considerations.

SECURE USING #12-24 OR M6 SCREWS AND LOCK WASHERS

NOTE: Cable is shown being mounted in ComScope EHD panel. Brackets are included with panel; order separately.

ALTERNATE POSITION BELOW PANEL

8 Install cable on cable bracket. Secure trunk cable to bracket or cable manager as shown below for large fiber count or small fiber count cable.

LARGE FIBER COUNT CABLE

SMALL FIBER COUNT CABLE

9 Install the cable in fiber panel Cable installation differs slightly for CHD and EHD panels.

NOTE: Before securing cable to rack or bracket outside of panel, make sure inside length from side plate to connector is 30-33 in. (76.2-83.82 cm) for proper blade movement.

NOTE: Cables may enter the panel from either sides or from both sides. If from both sides, cable from left rear corner should be routed to right front, and from right rear to left front.

CHD Panels
 (a) Unfasten and remove panel rear cover. (b) Slide out side plate. (c) Install cable gland in side plate. Re-install side plate and rear cover.

EHD Panels
 (a1) Unfasten and remove panel rear cover. Remove gland adapter from panel side plate in selected cable entry port. (b1) Feed connectors through side plate (may be removed for better access). Remove gland nut from cable gland, install gland adapter onto gland; re-install gland nut. (c1) Snap gland assembly in side plate (replace side plate if removed).

a

b

c

a1

b1

c1

GLAND ADAPTER

FASTENER

SIDE PLATE

GLAND NUT

GLAND ADAPTER

CABLE GLAND

All Panels

Arrange cables neatly using hook and loop bands. Position cables using gray fingers (shown below).

CHASSIS ROOF

GRAY FINGERS