






How are Tap modules placed in a link?

TAP modules are connected between two switch ports via LC or MTP patch cords. Each pair of aqua/blue ports are connected inline into the Live Link with two cords and then a third cord is used from the red port to connect to the Arista Tap Aggregator.

What are the part numbers and specifications for the EDGE TAP modules?

Corning offers a variety of split ratios and connector configurations; however the table below contains the most common configurations. Common applications with distance capabilities are listed in the table below with distance is based on loss of the link. For example, consider the ETM-5A-Q tap module. If your existing cabling plant had connector losses of 2dB, then you could support 50m at 10GBase-SR with the tap module in place.

SKUs	Description	Live Distance vs Connector IL	Specification	Product Image
ETM-5A-Q	EDGE Tap module; 50:50 split ratio; OM3/4; supports two duplex links	10GBASE-SR 1dB = 225m 2dB = 50m	4.1dB/4.1dB	
ETM-7A-Q	EDGE Tap module; 70:30 split ratio; OM3/4; supports two duplex links	10GBASE-SR 1dB = 420m 2dB = 335m	2.1dB/6.9dB	
ETM-5A-G	EDGE Tap module; 50:50 split ratio; SM; supports two duplex links (ex, 10G-LR, 40G-LR4)	10GBASE-LR* 1dB = 3125m 2dB = 865m	4.6dB/4.6dB	
ETM-7A-G	EDGE Tap module; 70:30 split ratio; SM; supports two duplex links (ex, 10G-LR, 40G-LR4)	10GBASE-LR* 1dB = 6450m 2dB = 4400m	3.0dB/7.0dB	
ETM-5C-Q	EDGE Tap module; 50:50 split ratio; OM3/4; supports single parallel link	40GBASE-XSR4 1dB = 390m 2dB = 320m	4.5dB/4.5dB	
ETM-7C-Q	EDGE Tap module; 70:30 split ratio; OM3/4; supports single parallel link	40GBASE-XSR4 1dB = 390m 2dB = 480m	2.5dB/7.3dB	

* Can also be used for 40GBASE-LR4

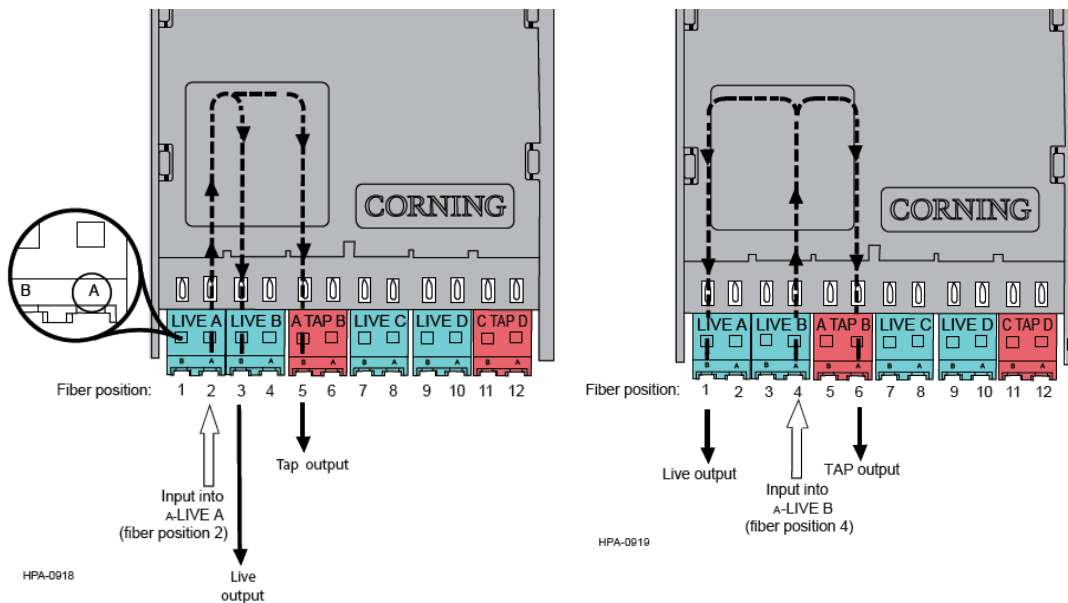
What hardware should be used to mount these modules into cabinets/racks?

These EDGE TAP modules can be mounted into a 19" rack/cabinet using an **EDGE-01U-EMOD** bracket. This 1U bracket can support eight TAP modules, to tap a total of 16 duplex links. Corning offers other variety of housings with higher capacity if required (EDGE-04U holds 48 TAP modules).



What is the polarity inside the LC tap modules?

Polarity inside the module is described in the diagrams below. It is important to note that these modules contain optical splitters, thus input power must be transmitted only into fiber position 2 and 4 for proper operation. Launching power into ports 1 and 3 will result into undesired operation.



Where can I purchase these EDGE Tap modules and rack/cabinet bracket?

Corning sales through four major distribution channels (Anixter, Graybar, Accutech, CSC/Wesco). There are also some online distributors who resell these products such as eAccu-tech.com.

Where can I find additional information/support about these TAPs?

For guidance about correct configuration (split ratio and connector style) you can contact a System Engineer at Corning at no charge. You can contact a System Engineer via email at DutyEng@corning.com or talk to a System Engineer via phone at (800) 743-2671 (request the Customer Service Representative to transfer you to the Duty Engineer desk).