



Fiber Entrance Cabinet

Accessories

Breakout Kit for Ribbon in Loose Buffer Tube (RLBT) OSP Cable

Ribbon in loose buffer tube OSP cables are constructed as shown in Figure 1. All RLBT cables feature six subunits surrounding a central strength member. Depending on the fiber count of the cable, some of the subunits may be used as filler subunits (a solid plastic unit without any fiber). Each subunit containing fiber is comprised of six or twelve ribbons featuring 12 fibers per ribbon.

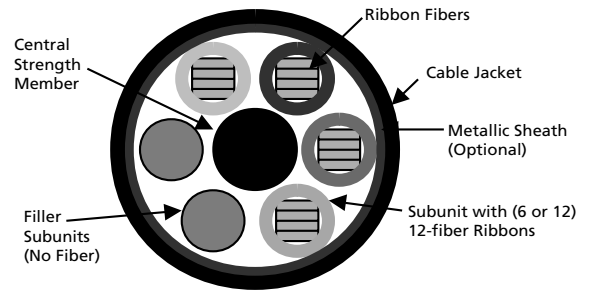


Figure 1
Ribbon buffer tube (RLBT) OSP cable

Breakout kits for RLBT cables contain multiple breakout bases, each with 5-meter lengths of protective tubing (see Figure 2). The protective tubing accommodates up to six ribbons. One breakout kit fits into each individual subunit. For mass fusion ribbon splicing applications in the FEC, ADC recommends splicing up to 72 fibers (six ribbons) in a dual splice tray. The tray should be equipped with an “MT” splice chip (see page 112 for information on mechanical or mass fusion ribbon trays). For single fusion splicing applications, ADC recommends 24 fibers per drawer using either two single trays or one dual tray. This kit is used to protect fiber ribbons between the cable clamp and the splice tray.

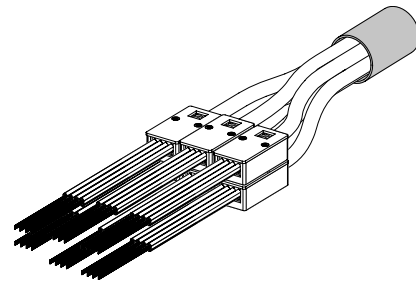
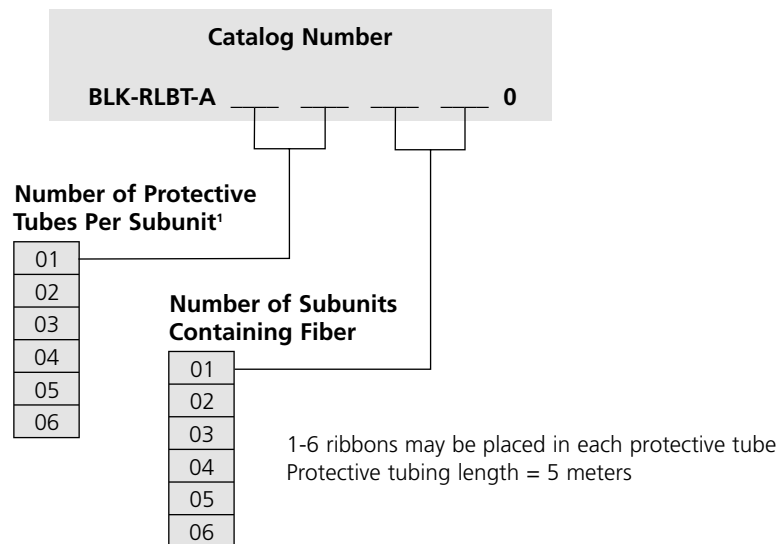


Figure 2
Breakout kit for RLBT OSP Cable

Breakout kits are designed for use in controlled environments only.



¹ **The number of protective tubes per subunit is calculated as follows:**

Divide the number of fibers per subunit (typically 72 or 144) by the number of fibers (12, 24, 36, 48, 72) to be spliced in each splice tray.

Example: If each subunit has 144 fibers with 36 fibers per tray, then each subunit would require four protective tubes.

To order protective tubing cutting tool, see page 118. For installation instructions, refer to user manual ADCP-93-305.

Other configurations are available upon request. Please contact ADC Technical Assistance Center.