

Latch Duct Molding Installation Instructions

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Release #	Date	Remarks
1.0	8/19/2005	Initial Release

2.0 General

2.1 Overview

Latch Duct Moldings are designed for routing of indoor communications cabling. It is a one-piece design that is easily installed and is aesthetically pleasing.

3.0 Preparation

3.1 Determine type of mounting

Latch Duct Moldings typically are installed using standard drywall screws long enough to penetrate the studs in the wall. If installing on a masonry or cement block wall, use appropriate molleys or inserts to secure the molding to the wall.

4.0 Installation

4.1 Determine the starting location of the molding. The 8' sections of molding should be secured to the wall with the hinge side down. If the molding is being mounted in the corner where the wall and ceiling meet, allow 1/8" clearance below the ceiling. This will allow for ease of installation of the fittings.

Refer to figure 1



Figure 1

4.2 Install additional lengths of molding allowing 1/8"-1/4" gap between lengths to allow

for any expansion and contraction.

4.3 Installation of inside and outside corner pieces. The inside and outside corner pieces include a bend radius protector. Install the bend radius protector in the corner centered in the molding, and allowing a 1/8"-1/4" gap between the base and bend radius protector. Note: For ease of measuring and cutting the moldings to length, install the bend radius protectors prior to the molding that it will be connected to. *Refer to figure 2 and 3*

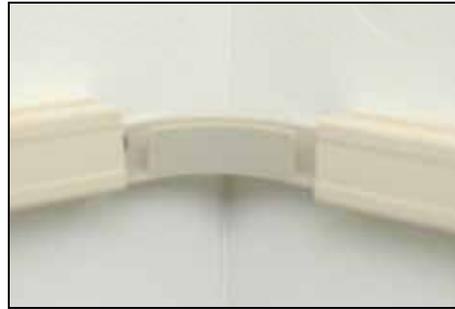


Figure 2 (Inside Corner Bend Radius Protector)



Figure 3 (Outside Corner Bend Radius protector)

4.4 Installation of Drop "T" Fitting. The Drop "T" fitting is installed by leaving a _____ gap between the straight sections of raceway, and installing the bend radius protector centered to the backing, and securing with screws. *Refer to figure 4*



Figure 4

4.5 Installation of wall entry hoof. Cabling can be passed into a living unit through the use of a wall entry hoof. Determine the proper location on the wall for installing the Bend radius protector. The hoof is joined to the Latch Duct moldings from a piece of 3/4" Latch Duct. Use a transition fitting to reduce to 3/4" if your using 1- 1/4", or 1 3/4" Latch Duct. Refer to figure 5

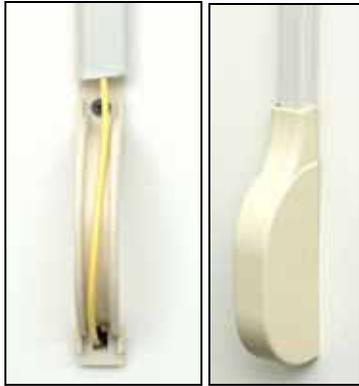


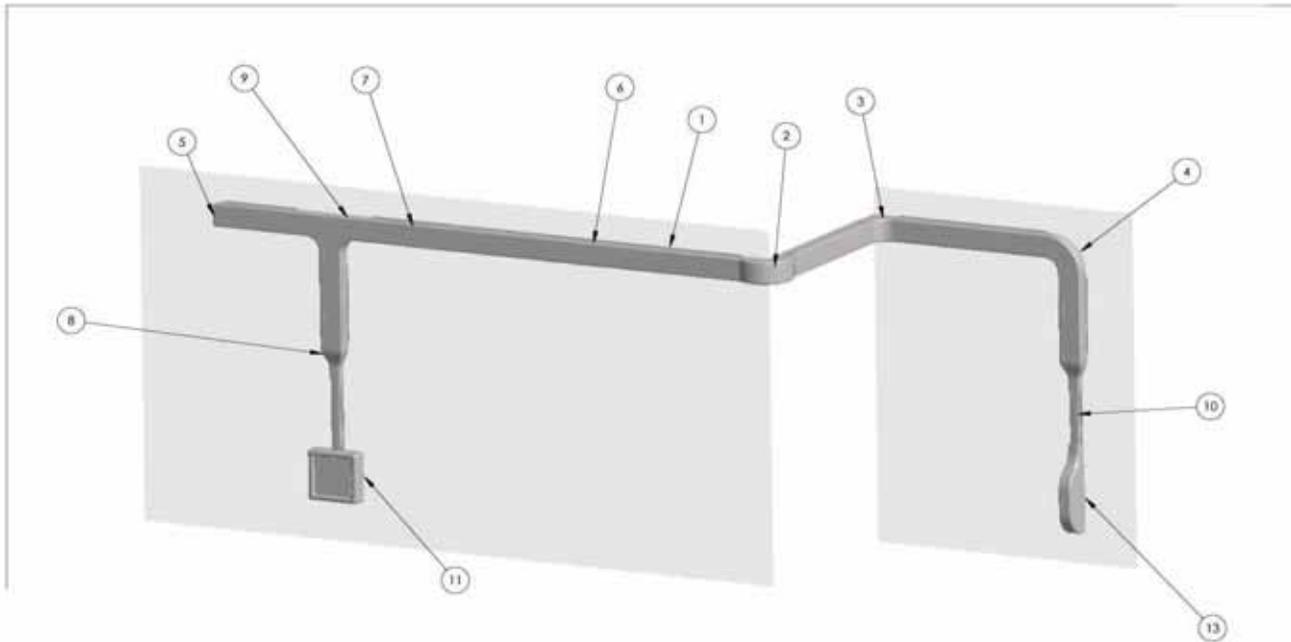
Figure 5

4.6 The cables are simply laid into the molding. Be sure not to pinch any cables in the latch when snapping the covers shut.

!! Caution, do not violate the minimum bend radius of fiber optic cabling !!

4.7 Installation of accessory piece covers. The accessory piece covers are simply snapped over the installed straight sections of Latch Duct.

System View



ITEM NO.	PART NUMBER	DESCRIPTION
1	MRC17	MOLDING SQUARE PLASTIC (MRC 2 PIECE SYSTEM 1 3/4"X1")
2	MRF17-OCR	CORNER OUTSIDE FOR SQUARE MOLDING MRC 2 PIECE 1 3/4" X1"
3	MRF17-ICR	CORNER INSIDE FOR SQUARE MOLDING MRC 2 PIECE 1 3/4" X1"
4	MRF17-FER	CORNER RIGHT ANGLE FOR PLASTIC SQUARE MOLDING 1 3/4"X 1"
5	MRF17-EC	END CAP FOR PLASTIC SQUARE MOLDING 1 3/4" X 1"
6	MRF17-JC	SEAM COVERS/FLOORS FOR PLASTIC SQUARE MOLDING 1 3/4" X 1"
7	MRM-17	MOLDING SQUARE (LATCH DUCT RACEWAY) 1 3/4" X 1"