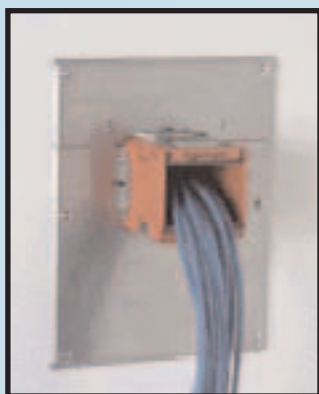


Collaborative and Custom Design Engineering Service



In response to a customer's request, DTi developed a **Custom Fiber Optic Radius Control Module (RCM)** that simply snapped into the customer's plenum. The RCM was designed and manufactured of high impact UL94 V-0 polycarbonate, providing mechanical strength of the assembly and the minimum bend radius for CAT 5 cables, assuring transmission integrity. Through DTi's collaborative and custom engineering service, a new control module with a specialty fastening device assures a tight and stable fit to the customer's plenum.



The Challenge:

BEFORE BEND RADIUS MODULE INSTALLATION

Without a Bend Radius Control Module, cables leaving the pathway were not controlled uniformly, resulting in cable bends that led to data transmission loss.



The Solution:

CONTROL RADIUS MODULES

Device Technologies has developed a Bend Radius Control Cable Management System that minimizes the bending of fiber optic cables. In this scenario, the radius control module needed to be modified to provide an exact fit to the client's pathway product.



The Result:

AFTER BEND RADIUS MODULE INSTALLATION

Through our Collaborative and Custom Engineering Service, a new control module with a specialty fastener was designed, ensuring a tight and stable fit to the customer's pathway product.

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