

# ENDOT INDUSTRIES

DUCT AND INNERDUCT 

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 INSTALLATION

## *Endocor PL & Endocor RI* INSTALLATION INSTRUCTIONS

**ENDOCOR PL & ENDOCOR RI** are UL Listed, small diameter (1/2", 3/4", 1", 1-1/4", 1-1/2", 2" ID) raceways produced from materials that meet or exceed all Underwriter Laboratories requirements for installation in plenum and riser areas. While **ENDOCOR PL & RI** are UL approved for use in plenum and riser spaces, plenum or riser cable is still needed; **the use of ENDOCOR PL & ENDOCOR RI does not eliminate the need for plenum or riser cables in plenum and riser environments.**

**ENDOCOR PL & ENDOCOR RI** provide a clean, low-friction path for the installation of optical fiber cables. In areas that are hard to access, highly flexible raceway can be installed first; the cable can then be pulled through the raceway in one continuous length. **ENDOCOR PL & RI** also serve to isolate, protect, and identify critical optical fiber cables in plenum and riser areas.

Although it has low-friction qualities, cable lubricants are recommended when pulling cable through the raceway. **ENDOCOR PL & RI** are designed for the installation of one cable per raceway; installation of multiple cables is possible, but multiple cables in a raceway will cause higher friction, resulting in shortened cable pulls. A fill factor of cable OD to raceway ID of 50% is the maximum recommended.

**ENDOCOR PL & ENDOCOR RI** are very flexible; extra care must be taken to eliminate all bends and snaking during installation to lessen excessive friction (resulting in relatively shorter cable pulls); the raceway must be tied down to prevent movement during the cable pull. The suggested method is tie wraps placed every two feet at the beginning, middle, and end of each bend or offset. 90° bends or sweeps must have a minimum radius of three (3) feet.

**ENDOCOR PL & ENDOCOR RI** can be supplied with an optional kevlar tape to pull cable into the raceway or, the cable itself can be supplied installed.

For technical assistance and specific questions regarding the use of **ENDOCOR PL & ENDOCOR RI**, call Endot Industries at 1-800-44 ENDOT.



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