



Intra-Gard– Frequently Asked Questions

[Can Intra-gard be used for both power and communication conductors?](#)

No, Intra-Gard is only intended for communications or optical fiber cables.

[What is the significance of the one white raceway in the Intra-Gard assembly?](#)

It is a reference so the proper orientation of the assembly can be maintained to insure proper alignment of the optical fiber cables.

[Is there a limit to the length of the Intra-Gard assembly run?](#)

Optical fiber cables have been successfully installed in straight length runs in excess of 1,000 feet, but good engineering practice is to utilize manhole pull points at shorter distances, particularly when changes in direction are necessary.

[Can Intra-Gard be field cut?](#)

Yes, the assembly can be cut at any location using a hand saw. Care needs to be exercised to make a square cut of each raceway. If the cut is made so that the raceway bell cannot be utilized, a standard coupling, E940F/G or a long line coupling, E600F/G may be used.

[I have a question regarding your 6 way Intra-Gard \(1- 1/4"\). What is the clearance between the outer diameters of the ducts?](#)

The Intra-Gard 1-1/4" product has an OD of 1.67. The distance from center to center of conduit with the spacer is 2.33, thus the distance between the edges of the conduit (not taking the flared end bells into account) is about 0.66.

25701 Science Park Drive
Cleveland, Ohio 44122
216-464-3400
1-800-3CARLON (322-7566)
www.carlon.com