

MULTI-GARD® MULTI-CELL PVC RACEWAY PRODUCT SPECIFICATIONS

- Multi-Gard shall be available in 4" PVC outer shell, either Type C, Type 40, or Type 80.
- Multi-Gard Type 40 and Type C shall be UL listed for underground use with optical fiber or communications cables.
- Multi-Gard shall provide either 3 x 1-1/4" nominal or 4 x 1" nominal innerducts that are factory installed.
- 3-cell innerduct color scheme shall be either white, grey, grey or white, grey, orange.
- 4-cell innerduct color scheme shall be white, grey, grey, grey or white, orange, green grey.
- Multi-Gard outer shell shall have a 6" deep bell for extra strength joint.
- Multi-Gard multi-cell raceway system shall be jettable.
- Innerducts shall be pre-lubricated to meet Bellcore GR356-CORE coefficient of friction requirements.
- Innerduct assembly alignment shall be maintained by internal spacers.
- PVC innerducts and PVC outer shell shall expand and contract at the same rate.
- Coupling body shall have an O-ring gasket to allow for easy joining yet provide resistance to pull out and a water-tight seal.
- Coupling body shall have inward tapering holes for easy innerduct alignment.
- Coupling body shall have integrally molded, readily visible alignment marker.
- Outer shell shall have print line that states, "Install Print Line Up" to facilitate installation.
- Manufacturer shall offer terminators for standard, pull-through, and jet-through applications.
- Manufacturer shall offer adaptors to allow transition between different outer ducts.

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- Each 20 ft. section of Multi-Gard multi-cell raceway shall have caps at each end.
- Manufacturer shall offer either fixed or flexible bends to allow changes in direction.
- Multi-Gard fixed or flexible bends shall have Nylon 6 innerduct to prevent "burn through" due to friction when tapes, ropes, or cables are installed.
- Manufacturer shall offer wye-branch to allow individual innerducts to be offset for independent access to optical fiber cable.
- Manufacturer shall offer standard and slip sleeve couplings for field cuts and repairs.
- Manufacturer shall offer repair kit for multi-cell raceway repairs without disrupting live cable.