

Prime Conduit™

MULTI-GARD® MULTI-CELL FIBERGLASS RACEWAY PRODUCT SPECIFICATIONS

- Multi-Gard Fiberglass Raceway System shall be available in 4" fiberglass outer shell, either standard wall (provides basic mechanical and UV protection), heavy wall (provides enhanced mechanical protection where physical abuse might be experienced), or bullet resistant (.250" wall provides heavy duty protection).
- Multi-Gard Fiberglass Raceway System 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 Fiberglass Raceway System outer shell shall have a 6" deep bell for extra strength joint.
- Multi-Gard Fiberglass Raceway System 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.
- 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.
- Manufacturer shall offer terminators for standard, pull-through, and jet-through applications.
- Manufacturer shall offer adaptors to allow transition between different outer ducts.
- Manufacturer shall offer fiberglass expansion joint to allow for thermal expansion and contraction of fiberglass outer duct.
- Manufacturer shall offer split anchor ring to protect fiberglass multi-cell

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raceway at support anchor points.

- Each 20 ft. section of Multi-Gard multi-cell raceway shall have caps at each end.
- Manufacturer shall offer either fixed fiberglass bends to allow changes in direction.
- Multi-Gard fixed fiberglass bends shall have Nylon 6 innerduct to prevent "burn through" due to friction when tapes, ropes, or cables are installed.
- Manufacturer shall offer standard and slip sleeve couplings for field cuts and repairs.