Reliability for Your Toughest Applications

NextGen® Brand’s Combat Series™ tactical fiber optic cables are designed, engineered and manufactured to specification for military applications.

Advanced Performance

Combat Series tactical fiber optic cables are lightweight and rugged to withstand repeated flexing. The compact design allows for ease of deployment and re-configuration. The UV- and flame-resistant polyurethane jackets withstand even the harshest conditions, resulting in mechanical, chemical and weather resistance.

General Cable’s NextGen Brand Combat Series contains a patent-pending jacketing compound, HydroGuard™, which is fully water-resistant for ultimate protection.

General Cable also offers a broad range of fiber optic cable constructions for every application. NextGen Brand fiber optic cables meet today’s performance expectations while setting the standards for tomorrow.
PRODUCT CONSTRUCTION:

Fiber:
- 2 or 4 fibers
- 900µm tight buffer, overlaid on a 500µm acrylate-coated fiber
- Color-coding per TIA/EIA 598A
- Type CK includes QPL-certified glass

Overall Strength Member:
- Aramid yarn

Jacket:
- Black matte flame-retardant polyurethane
- Black UV- and moisture-resistant HydroGuard™
- Sequential meter markings available upon request

FEATURES:
- Patent-pending HydroGuard™ jacket
- Lightweight, rugged
- Withstands repeated flexing
- Compact design for ease of deployment
- Excellent mechanical protection for the fibers
- Designed for military standards

PERFORMANCE:
- Temperature: Storage -55˚C (-67˚F) to +85˚C (+185˚F)
  Operating -46˚C (-51˚F) to +71˚C (+140˚F)
- Minimum Bend Radius: 10X OD—Installation
  8X OD—In-Service

APPLICATIONS:
- Military tactical field applications in re-deployable communication systems

COMPLIANCES:
- Tested to CECOM A3159873 Revision D Standard

ORDERING:

Part Number Example:
- CE0041GNC

4 Fibers, 62.5 mm multimode. Please see pages 4 and 5 of the Fiber Optics catalog for a complete guide on part number selection and ordering information.

X denotes glass type.
A complete listing of NextGen™ Brand glass types is specified on page 3 of the Fiber Optics catalog.

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<th>CATALOG NUMBER</th>
<th>FIBER COUNT</th>
<th>NOMINAL CABLE DIAMETER</th>
<th>NOMINAL CABLE WEIGHT</th>
<th>MAXIMUM TENSIILE LOAD</th>
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CE0041GNC

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