Tight Buffer Distribution Interlock Armored Plenum Cable
Type OFCP, CSA FT6

Product Construction:
Fiber:
- 4–144 fibers
- 900 µm tight buffer
- Color-coding per TIA/EIA 598 B

Overall Strength Member:
- Aramid fiber yarn

Inner Jacket:
- Flame-retardant compound

Armor:
- Interlock aluminum (-ILPA)

Outer Jacket:
- Flame-retardant compound
- Sequential footage markings*
- Orange jacket—multimode fibers (except 10 Gbps)
- Aqua jacket—10 Gbps multimode fibers
- Yellow jacket—singlemode fibers

Features:
- Interlock armor provides outstanding mechanical protection
- Interlock armor is flexible and easy to use
- Tight buffer provides individual fiber protection
- Sub-units are numbered for identification

Performance:
- Temperature:
  - Storage -40˚C (-40˚F) to +70˚C (+158˚F)
  - Installation 0˚C (+32˚F) to +50˚C (+122˚F)
  - Operating -20˚C (-4˚F) to +70˚C (+158˚F)
- Minimum Bend Radius
  - 20 X OD—Installation
  - 10 X OD—In-Service
- Maximum Crush Resistance: 1,500 lbs/in (2,627 N/cm)

Applications:
- Harsh premises environments requiring heavy-duty protection
- ETL Type OFCP for installation in any premises location when installed in accordance with NEC article 770.154 and 770.179

Compliances:
- ETL Listed Type OFCP
- CSA FT6
- TIA 568 C.3
- ICEA S-83-596
- GR-409
- RoHS Compliant Directive 2011/65/EU

Note:
- Armored cable without an outer jacket available upon request (-IL)
  - *Sequential meter markings available upon request

Hybrid designs (containing singlemode and multimode fiber) and composite designs (containing copper conductors) are also available.

Ordering Part Number Example
BE0241PNU-ILPA or BE0241PNU-ILPAS
50 µm multimode, 24 fibers, tight buffer distribution interlock armor plenum
Please see pages 4 and 5 for a complete guide on part number selection and ordering information.

Typical Cross-Sections

<table>
<thead>
<tr>
<th>CATALOG NUMBER</th>
<th>FIBER COUNT</th>
<th>NO. OF SUB-UNITS</th>
<th>NOMINAL CABLE DIAMETER IN</th>
<th>NOMINAL CABLE WEIGHT LBS/1000′</th>
<th>MAXIMUM TENSILE LOAD INSTALLATION LBS</th>
<th>MAXIMUM TENSILE LOAD IN-SERVICE N</th>
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XX Denotes glass type.
A complete listing of NextGen® Brand glass types is specified on page 3 of this catalog.