

# Tactical Breakout Cable

## Product Construction:

### Fiber:

- 2–12 fibers
- 900 μm tight buffer
- Color-coding per TIA/EIA 598B
- 2.0 mm jacketed sub-units

### Central Strength Member:

- Aramid yarn

### Overall Strength Member:

- Aramid yarn

### Jacket:

- Black polyurethane
- Sequential footage markings\*
- Optional matte finish

## Features:

- Rugged individual fiber protection
- Easy-to-terminate sub-units
- Heavy-duty field applications
- Designed to military standards
- Color-coded units for identification

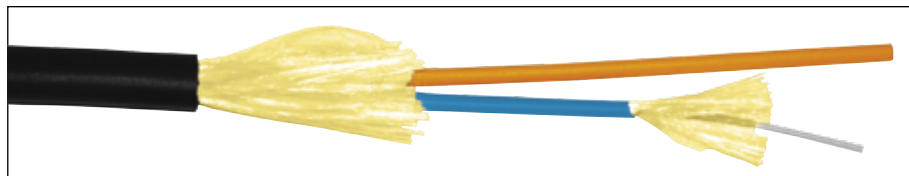
## Performance:

- Temperature:
  - Storage -70°C (-94°F) to +85°C (+185°F)
  - Operating -55°C (-67°F) to +85°C (+185°F)
- Minimum Bend Radius:
  - 16 X OD—Installation
  - 8 X OD—In-Service
- Maximum Crush Resistance:
  - 251 lbs/in (440 N/cm)
  - EIA/TIA-455-41
- Impact Resistance:
  - 200 impacts
  - EIA/TIA-455-25
- Flex Resistance:
  - 2000 cycles
  - EIA/TIA-455-104

## Applications:

- Military tactical field use and commercial applications in re-deployable communication systems
- TV camera applications
- Mining and harsh environments needing mechanical and chemical resistance

\*Sequential meter markings available upon request

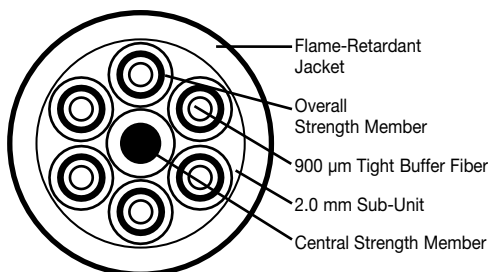


CATALOG NUMBER	FIBER COUNT	NO. OF SUB-UNITS	NOMINAL CABLE DIAMETER		NOMINAL CABLE WEIGHT		MAXIMUM TENSILE LOAD				
			IN	mm	LBS/1000'	kg/km	INSTALLATION		IN-SERVICE		
								LBS	N	LBS	N
<b>XX0021B3C</b>	2	2	0.260	6.6	20	29	450	2002	149	663	
<b>XX0041B3C</b>	4	4	0.290	7.4	24	36	450	2002	149	663	
<b>XX0061B3C</b>	6	6	0.340	8.6	29	43	450	2002	149	663	
<b>XX0081B3C</b>	8	8	0.390	10.0	36	54	700	3114	231	1028	
<b>XX0101B3C</b>	10	10	0.450	11.4	46	68	900	4003	300	1334	
<b>XX0121B3C</b>	12	12	0.480	12.2	52	78	1100	4893	360	1601	

XX denotes glass type.

A complete listing of NextGen® Brand glass types is specified on page 3 of this catalog.

## Typical Cross-Section



6 Fibers

## Ordering Part Number Example

**AP0041B3C**

Singlemode, 4 fibers, tactical breakout

Please see pages 4 and 5 for a complete guide on part number selection and ordering information.