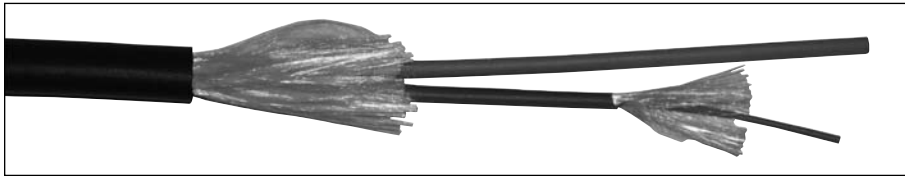


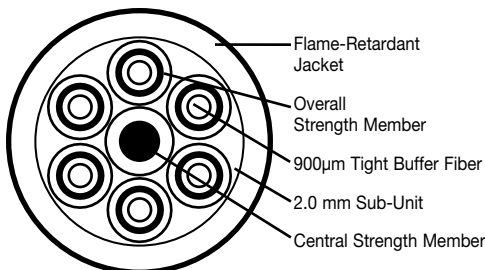
Tactical Breakout Cable



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
XX0021B1C	2	2	0.260	6.6	20	29	450	2002	149	663
XX0041B1C	4	4	0.290	7.4	24	36	450	2002	149	663
XX0061B1C	6	6	0.340	8.6	29	43	450	2002	149	663
XX0081B1C	8	8	0.390	10.0	36	54	700	3114	231	1028
XX0101B1C	10	10	0.450	11.4	46	68	900	4003	300	1334
XX0121B1C	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

CE0041B1C

62.5 mm multimode, 4 fibers, tactical breakout
Please see pages 4 and 5 for a complete guide on part number selection and ordering information.

Product Construction:

Fiber:

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

Central Strength Member:

- Epoxy/glass rod
- Aramid yarn option

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