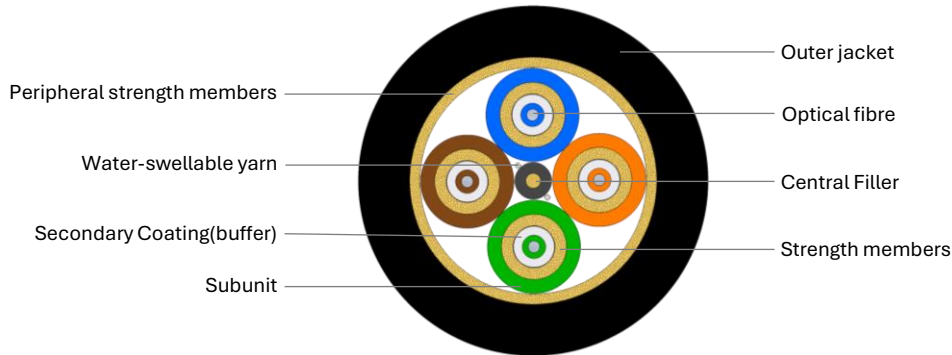


Breakout Tactical Cable

- Breakout construction
- Resistant to abrasion and cutting
- For harsh environment
- Increased flexibility
- For military data communication
- Operation in a wide temperature range
- For temporary deployment
- Ideal for industrial applications



Picture not to scale. For illustration only.

Fibre Type	G.657.A1, G.657.A2, G.657.B3, OM1, OM2, OM3, OM4, OM5
Fibre colour	EIA/TIA-598A
Buffer material	Polyamide 12 (Nylon)
Buffer colour	Natural transparent
Subunit material	Flame-retardant Thermoplastic Polyurethane
Subunit colour	EIA/TIA-598A
Central filler	Thermoplastic Polyurethane (TPU) coated Aramid yarn
Strength members	Water-swellable Aramid yarns
Peripheral strength members	Water-swellable Aramid yarns
Outer jacket material	UV resistant , Flame-retardant (V-0, UL94) Thermoplastic Polyurethane

Number of fibres	4	
Number of fibres in subunit	1	
Subunit count (layers)	4	
Subunit diameter (mm)	2.0	
Buffer diameter (mm)	0.9	
Nominal outer diameter (mm)	7.5	
Outer jacket thickness (mm)	1.1	
Calc. cable weight (kg/km)	47	
Short-term tensile strength (N)	2000	IEC 60794-1-101
Long-term tensile strength (N)	640	IEC 60794-1-101
Short-term crush resistance (N/100 mm)	6000	IEC 60794-1-103
Max. impact loading (Nm)	360 impacts, 1.0 kg load	IEC 60794-1-104
	200 impacts, 1.5 kg load	IEC 60794-1-104
	60 impacts, 2.0 kg load	IEC 60794-1-104
Abrasion resistance 10 000 cycles (N)	10	IEC 60794-1-102
Min. bend radius not load (mm)	Short term 65	IEC 60794-1-111
	Long term 125	IEC 60794-1-111
Operating temperature range (°C)	-55 to +85	IEC 60794-1-201
Storage temperature range (°C)	-65 to +85	IEC 60794-1-201
Installation temperature range (°C)	-40 to +60	IEC 60794-1-201
Water tightness (1 m / 24 hrs.)	No leakage	IEC 60794-1-205
Class of fire reaction	Fca	EN 50575, EN 13501-6

Fiber Type	Singlemode 9/125	Multimode 50/125	Multimode 62.5/125
Wavelength	1310 nm / 1550 nm	850 nm / 1300 nm	850 nm / 1300 nm
Max. Attenuation	0.5dB/km / 0.5dB/km	3.5dB/km / 1.5dB/km	3.5dB/km / 1.5dB/km

Number of Fibers	Cable Code (Ordering Code)	Delivery length	Packing
4	OPK-U-BRFTAC-4(4x2.0)N9AHAU-xx-BK	2100 m ± 5%	Solid wooden non-returnable drum

xx – fibre type (see Cable code datasheet)

Print legend: Manufacturer - Cable type – lot number- length marking per 1 m (customer print legend available on request)

Note: Cable marking using the Hot-foil method is done in white. If overprinting is necessary, the color of the text is yellow.



Jacket with rodent and termite chemical deterrent version available

OPTOKON Kable Co., Ltd., s.r.o. reserves the right to make changes in this specification without prior notice.