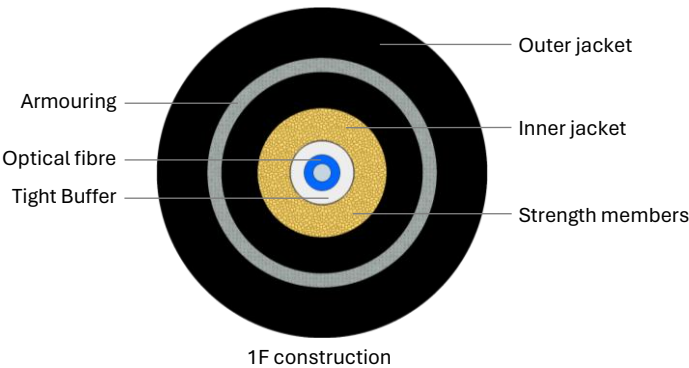


Tactical Braid Patch Cable

- Resistant to abrasion and cutting
- For harsh environment
- High flexibility
- For military data communication
- Operation in a wide temperature range
- Operation in a wide temperature range
- For temporary deployment
- Resistance to electromagnetic interference
- Resistance to eavesdropping



Fibre Type	G.657.A1, G.657.A2, G.657.B3, OM1, OM2, OM3, OM4, OM5
Fibre colour	Blue, Orange,
Buffer diameter	0.9 mm
Buffer material	Polyamide 12
Buffers colour	Natural-transparent
Peripheral strength members	Water-swellable Aramid yarns
Inner jacket material	UV resistant, Flame-retardant (V-0, UL94) Thermoplastic Polyurethane*
Inner jacket thickness	0.5 mm (1F), 0.4 mm (2F)
Inner jacket colour	Black
Armouring	Tinned copper wire braid
Outer jacket material	UV resistant, Flame-retardant (V-0, UL94) Thermoplastic Polyurethane*
Outer jacket thickness	0.7 mm

*non-toxic chemical protection against rodents and termites possible on request

Number of fibres	1	2	
Nominal outer diameter (mm)		4.6	
Calc. cable weight (kg/km)	25.7	26.3	
Short-term tensile strength (N)		250	IEC 60794-1-101
Long-term tensile strength (N)		100	IEC 60794-1-101
Crush resistance (N/100 mm)		3000	IEC 60794-1-103
Max. impact loading (Nm)	10 N load, 200 impact		IEC 60794-1-104
Abrasion resistance (10 N load)	10 000 cycles		IEC 60794-1-102A
Min. bend radius not load (OD)	10		IEC 60794-1-111
Min. bend radius load (OD)	15		IEC 60794-1-111
Operating temperature range (°C)	-40 to +85		IEC 60794-1-201
Storage temperature range (°C)	-55 to +85		IEC 60794-1-201
Installation temperature range (°C)	-20 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

**without armouring

Number of Fibers	Cable Code (Ordering Code)	Delivery length, Packing
1	OPK-U-SXTAC-1(1x0,9)N9AUW*-xx-BK	2100 m ± 5% on plywood reel
2	OPK-U-DXKTAC-2(2x0,9)N9AUW*-xx-BK	2100 m ± 5% on plywood reel

** = U- TPU jacket

YU- TPU jacket with the deterrent against rodent and termite

xx – fibre type (see Cable code datasheet)

Fibre 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	0.5 dB/km / 0.5 dB/km	3.5 dB/km / 1.5 dB/km	3.5 dB/km / 1.5 dB/km

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 colour 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.

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