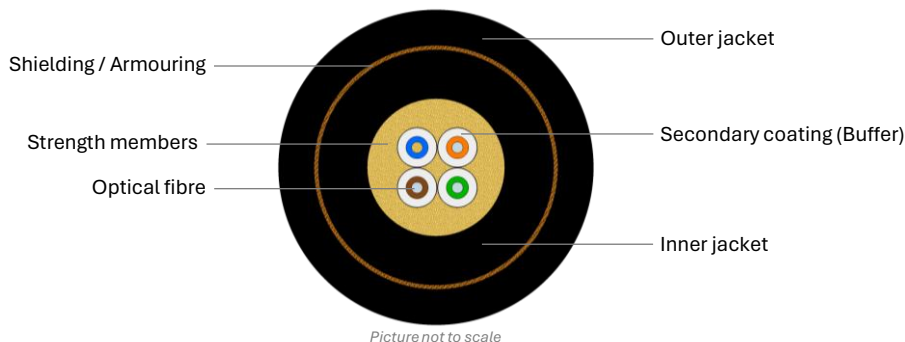


Tactical Braid Cable 2-12F

- Resistant to abrasion and cutting
- For harsh environment
- Excellent crush resistance
- High flexibility
- For military data communication
- 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 |
| Fibre colour | Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua |
| Buffer diameter | 0.9 mm |
| Buffer material | Polyamide |
| Buffers colour | Natural-transparent |
| Strength members | Water-swellable Aramid yarns |
| Inner jacket material | UV resistant, Flame-retardant (V-0, UL94) Thermoplastic Polyurethane |
| Inner jacket thickness | 1.1 mm |
| Inner jacket colour | Black |
| Shielding / Armouring | Tinned copper wire braid |
| Outer jacket material | UV resistant, Flame-retardant (V-0, UL94) Thermoplastic Polyurethane |
| Outer jacket thickness | 1.2 mm |
| Outer jacket colour | Black |

| Number of fibres | 2 | 4 | 6 | 8 | 12 | |
|-------------------------------------|-----|-----|---------------|-----|-----|----------------------|
| Nominal outer diameter (mm) | 7.9 | 8.1 | 8.5 | 9.0 | 9.3 | |
| Calc. cable weight (kg/km) | 69 | 73 | 79 | 89 | 93 | |
| Short-term tensile strength (N) | | | 2200 | | | IEC 60794-1-101 |
| Long-term tensile strength (N) | | | 700 | | | IEC 60794-1-101 |
| Crush resistance (N/100 mm) | | | 5000 | | | IEC 60794-1-103 |
| Max. impact loading (Nm) | | | 20 | | | IEC 60794-1-104 |
| Abrasion resistance (10 N load) | | | 10 000 cycles | | | IEC 60794-1-102A |
| Min. bend radius not load (mm) | | | 10 x OD | | | IEC 60794-1-111 |
| Min. bend radius load (mm) | | | 15 x OD | | | 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) | | | -40 to +70 | | | 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 |

| Number of Fibers | Cable Code (Ordering Code) | Delivery length, Packing |
|------------------|--------------------------------------|-----------------------------|
| 2 | OPK-U-DSTTAC-2(2x0.9)N9AAUWU-xx-BK | 2100 m ± 5% on plywood reel |
| 4 | OPK-U-DSTTAC-4(4x0.9)N9AAUWU-xx-BK | 2100 m ± 5% on plywood reel |
| 6 | OPK-U-DSTTAC-6(6x0.9)N9AAUWU-xx-BK | 2100 m ± 5% on plywood reel |
| 8 | OPK-U-DSTTAC-8(8x0.9)N9AAUWU-xx-BK | 2100 m ± 5% on plywood reel |
| 12 | OPK-U-DSTTAC-12(12x0.9)N9AAUWU-xx-BK | 2100 m ± 5% on plywood reel |

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.