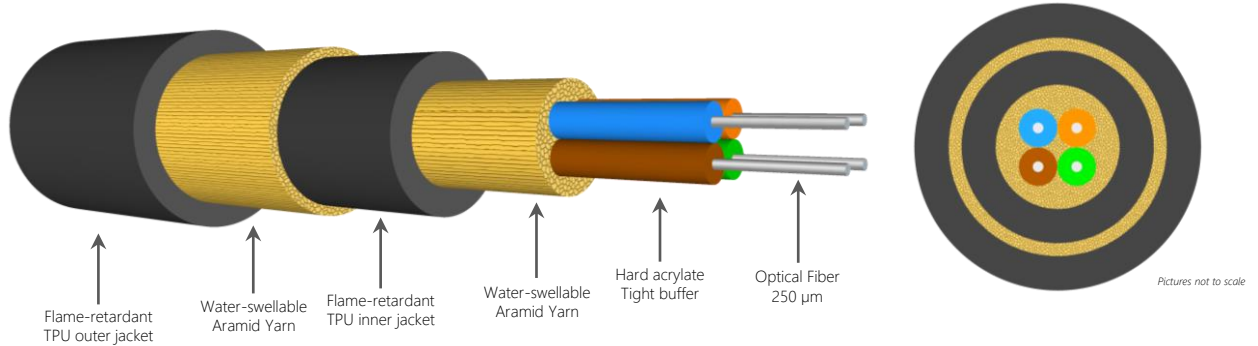


Military Heavy-Duty Tactical Cable

Cable with a double jacket is highly resistant to abrasion and cutting, suitable for harsh environment. Cable for military applications for outdoor reuse, based on the military norm MIL-PRF-85045F



CABLE DESCRIPTION

Optical fibers:	4fibers in Tight Buffer 0,9 mm
Strength members:	Flame-retardant Thermoplastic Polyurethane with outstanding hydrolysis resistance, low temperature flexibility and high resistance to micro-organisms.
Outer Sheath:	Water-swellable Aramid Yarn
Strength members:	UV stable, Flame-retardant Thermoplastic Polyurethane with outstanding hydrolysis resistance, low temperature flexibility and high resistance to micro-organisms.
Outer Sheath:	Water-swellable Aramid Yarn
Fiber count:	4
Fiber Type:	G.657.A1, G.657.A2, OM1, OM2, OM2+, OM3, OM4
Fiber color:	Blue, Orange, Green, Brown
Sheath color:	Black (other available colors are Beige - Sand, Green - Forest)

Properties

Max. attenuation SMF @1310nm	0,4	dB/km
Max. attenuation SMF @1550nm	0,3	dB/km
Max. attenuation SMF @1625nm	0,4	dB/km
Max. attenuation MMF @850nm	3,5	dB/km
Max. attenuation MMF @1300nm	1,5	dB/km
Tensile strength (EN 60794-1-2-E1)	2200	N
Max. compressive loading (EN 60794-1-2-E3)	4500	N
Max. Impact loading (EN 60794-1-2-E4)	15	J
Min. bend radius not load (EN 60794-1-2-E11)	10	OD
Min. bend radius load (EN 60794-1-2-E11)	20	OD
Storage temperature range (EN 60794-1-22-F1)	-40 to +85	°C
Operating temperature range	-40 to +85	°C
Installation temperature range	-20 to +50	°C
Class of fire reaction (EN 13501-6)	F _{ca}	
Marking Method	Ink-Jet	
Print color	White or Black	
Print legend	OPK -cable type - lot number- length marking per 1 m (customer print legend available on request)	
Delivery length	2100 m ±5% on plywood reel	

Cable Code (Ordering Code)	Fiber count	Construction	Cable outer diameter	Sheath thickness	Calculated weight
OPK-U-DSTTAC-4(4x0,9)A9AUAU-xx-yy	4	4x0,9	7,1 mm	1,0 mm	43 kg/km
xx - Jacket color, yy - fiber type (see Cable code datasheet)					