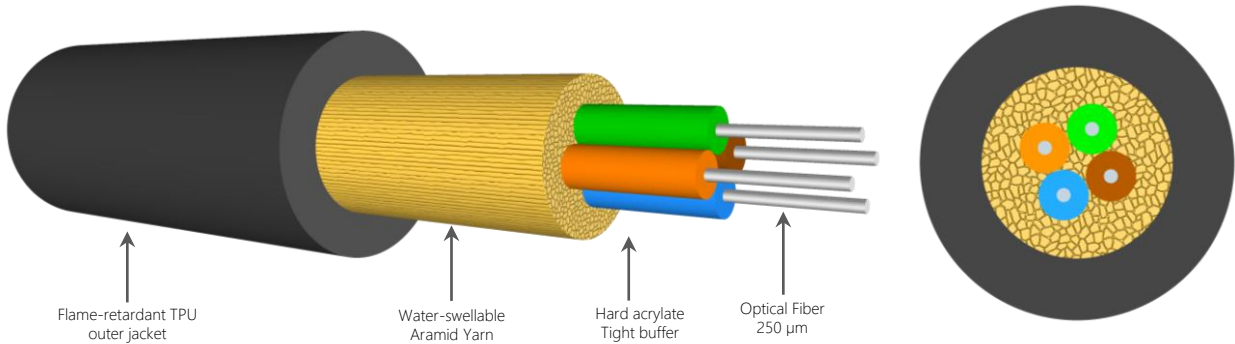


Ruggedized Mobile Cable

Cable is highly resistant to abrasion and cutting, suitable for harsh environment.



Pictures not to scale

CABLE DESCRIPTION

Optical fibers:
 Strength members:
 Outer Sheath:

2 – 12 fibers in Tight Buffer 0,9 mm

Water-swollable Aramid Yarn

UV stable, Flame-retardant Thermoplastic Polyurethane with outstanding hydrolysis resistance, low temperature flexibility and high resistance to micro-organisms.

Fiber count:

2, 4, 8, 12

Fiber Type:

G.657.A1, G.657.A2, OM1, OM2, OM2+, OM3, OM4

Fiber color:

Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua

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)	1800	N
Max. compressive loading (EN 60794-1-2-E3)	4500	N
Max. Impact loading (EN 60794-1-2-E4)	10	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-2(2x0,9)A9AAU-xx-yy	2	2×0,9	5,3 mm	1,0 mm	22 kg/km
OPK-U-DSTTAC-4(4x0,9)A9AAU-xx-yy	4	4×0,9	5,6 mm	1,0 mm	26 kg/km
OPK-U-DSTTAC-8(8x0,9)A9AAU-xx-yy	8	8×0,9	6,3 mm	1,0 mm	31 kg/km
OPK-U-DSTTAC-12(12x0,9)A9AAU-xx-yy	12	12×0,9	7,0 mm	1,0 mm	36 kg/km

xx – Jacket color, yy – fiber type (see Cable code datasheet)