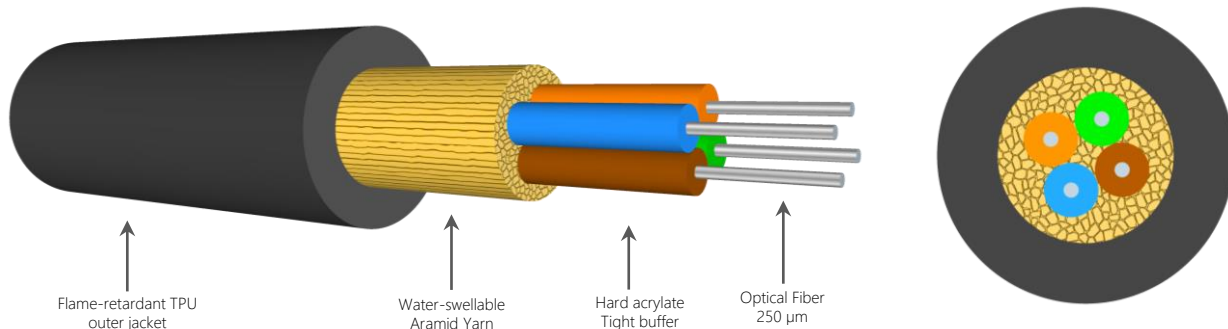


Mobile Cable

Cable is highly resistant to abrasion and cutting, suitable for harsh environment. Most commonly used as Security Camera cable in the surveillance systems or repeating temporary installations.



Pictures not to scale

CABLE DESCRIPTION

Optical fibers:

Strength members:

Outer Sheath:

2 – 12 fibers in Tight Buffer 0,9 mm

Water-swellable Aramid Yarn

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

Fiber count

Fiber Type

Fiber color:

Sheath color:

2, 4, 8, 12

G.657.A1, G.657.A2, G.655, OM1, OM2, OM2+, OM3, OM4, OM5

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

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)

1100 [N]

Max. compressive loading (EN 60794-1-2-E3)

2000 [N]

Max. Impact loading (EN 60794-1-2-E4)

10 [N.m]

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)A9AU-xx-yy	2	2×0,9	4,6 mm	1,0 mm	17 kg/km
OPK-U-DSTTAC-4(4x0,9)A9AU-xx-yy	4	4×0,9	4,9 mm	1,0 mm	19 kg/km
OPK-U-DSTTAC-8(8x0,9)A9AU-xx-yy	8	8×0,9	5,7 mm	1,0 mm	26 kg/km
OPK-U-DSTTAC-12(12x0,9)A9AU-xx-yy	12	12×0,9	6,5 mm	1,0 mm	32 kg/km

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