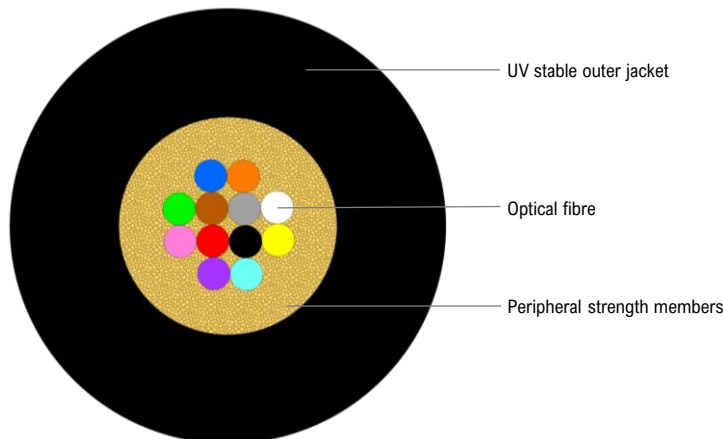


# Aerial FTTx Universal Cable TPU

Universal cable for aerial use or plenum and riser FTTx application



Fibre count	Up to 12
Fibre Type	G.657.A1, G.657.A2, G.657.B3, OM2, OM3, OM4
Fibre colour	Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua
Peripheral strength members	Water-swellable Aramid yarns
Outer jacket	UV stable, Flame-retardant Thermoplastic Polyurethane with outstanding hydrolysis resistance, low temperature flexibility and high resistance to micro-organisms.

Fibre count	Cable Code (Ordering Code)	Cable outer diameter	Cable Weight (calc.)
2	OPK-U-DRP-2(2×0.25)FFAU-xx-yy	2.8 mm	7 kg/km
4	OPK-U-DRP-4(4×0.25)FFAU-xx-yy	3.0 mm	8 kg/km
8	OPK-U-DRP-8(8×0.25)FFAU-xx-yy	3.0 mm	8 kg/km
12	OPK-U-DRP-12(12×0.25)FFAU-xx-yy	3.2 mm	9 kg/km

xx – fiber type, yy – cable jacket colour (see Cable code datasheet)

Max. Tensile Loading	1000	[N]	EN 60794-1-21-E1
Max. Compressive loading	1000	[N/10cm]	EN 60794-1-21-E3
Max. Impact loading	2	[Nm]	EN 60794-1-21-E4
Min. bend radius not load	10	[OD]	EN 60794-1-21-E11
Min. bend radius load	15	[OD]	EN 60794-1-21-E11
Operating temperature range	-30 to +60	[°C]	EN 60794-1-22-F1
Installation temperature range	-15 to +60	[°C]	EN 60794-1-22-F1
Storage temperature range	-30 to +60	[°C]	EN 60794-1-22-F1
Class of fire reaction	F <sub>ca</sub>		
Recommended clamps	Type mini@ (Manufacturer Telenco)		
Lifetime of optical cable	25 years		

Print legend	OPK –cable type – lot number- length marking per 1 m (customer print legend available on request)
Delivery length	1000 m ± 5% on reel in a box 2100 m ±5% on plywood reel

Installation Sag	Load level (NESC)	Maximum Span
1.5 %	Light	100 m
1.5 %	Medium	60 m
1.5 %	Heavy	40 m
3 %	Light	120 m
3 %	Medium	70 m
3 %	Heavy	45 m