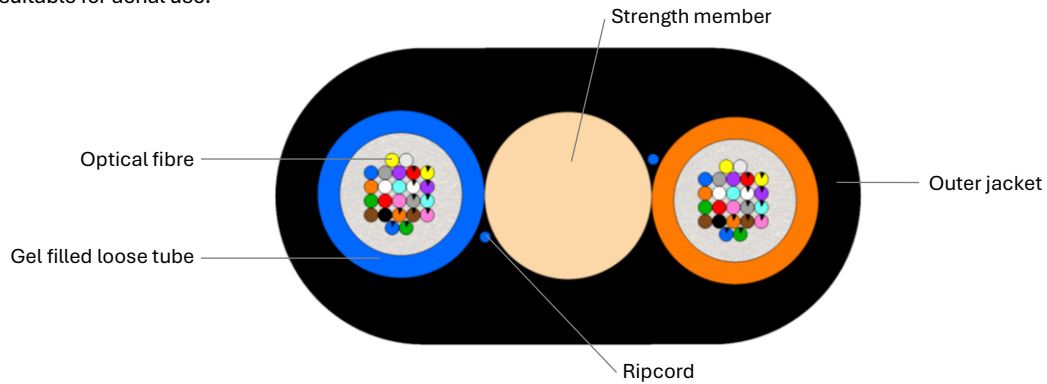


# ADSS Flat Cable GC 48F

The cable is suitable for aerial use.



Picture not to scale. For illustration only.

Fibre Type	G.652.D, G.657.A1, G.657.A2, OM1, OM2, OM3, OM4
Fibre colour	EIA/TIA-598A
Loose Tube	Gel-Filled PBT buffer tube
Tube colour	EIA/TIA-598A
Filling compound	Low-viscosity filling gel
Strength members	FRP rod (coated if necessary)
Ripcord	2x under outer jacket
Outer jacket material	UV resistant Black HDPE

Number of fibres	48	
Number of fibres in tube	24	
Tube count (layers)	2	
Nominal outer diameter (mm)	5.3x10.5	
Calc. cable weight (kg/km)	59	
Short-term tensile strength (N)	2500	IEC 60794-1-101
Long-term tensile strength (N)	900	IEC 60794-1-101
Short-term crush resistance (N/100 mm)	2500	IEC 60794-1-103
Max. impact loading (Nm)	10	IEC 60794-1-104
Min. bend radius not load (OD)(mm)	250	IEC 60794-1-111
Min. bend radius load (OD)(mm)	300	IEC 60794-1-111
Operating temperature range (°C)	-40 to +70	IEC 60794-1-201
Storage temperature range (°C)	-40 to +70	IEC 60794-1-201
Installation temperature range (°C)	-15 to +50	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

Recommended clamps      Type ODWAC XL (Manufacturer Telenco)



Number of Fibers	Cable Code (Ordering Code)	Delivery length	Packing
48	OPK-O-CTFA-48(2x3.0)LTTP-xx-BK	2100 m ± 5%	Solid wooden non-returnable drum

xx – fibre type (see Cable code datasheet)

Installation Sag	Load level (NESC)	Maximum Span
1.5 %	Light	100 m
1.5 %	Medium	70 m
1.5 %	Heavy	35 m
3 %	Light	120 m
3 %	Medium	80 m
3 %	Heavy	50 m

Tested with Telenco Mini-@ and @46TW clamps

**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 color of the text is yellow.*