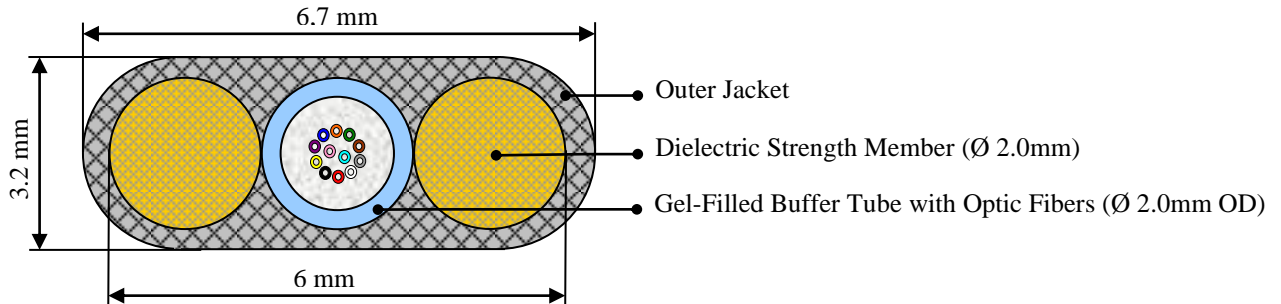


## Flat Drop Cable

### Compact and Easy-to-Access Fiber Cable For the Last Link In Your Optical FTTx Network

#### Application

Aerial Installation (Self-Supporting)



Version illustrated is the 12 Fibre Cable

#### Features and Benefits

- Compact, easy-to-access design allows for streamlined installation and handling
- Suitable for self-supporting aerial, direct buried, and duct FTTx drop installations
- Compatible with industry-standard wedge clamps and closure strain reliefs
- Excellent tensile strength and crush-resistance
- Optimized for fiber counts of 1, 2, 4, 6, 8 and 12 for minimizing deployment costs
- All-dielectric construction eliminates the need for bonding or grounding
- 1335 N Maximum Rated Cable Load (MRCL)

Fibre Count	Tubes	Core Design	Cable Dimensions [mm]	Cable Weight [kg/km]	Standard Length [m]	AT-Code*
12	1	Central Tube	3.2 x 6.7	26	2000/4000/6000/8000	AT-[ ][ ][ ]8T7X-012

This table shows nominal diameter and weight values which may differ in shipments.

\* Please refer to the Fiber Codes. The blanks specify the fibre specifics.

#### Identification

##### Fibre Colour Code:

1	Blue	2	Orange	3	Green	4	Brown	5	Grey	6	White
7	Red	8	Black	9	Yellow	10	Violet	11	Rose	12	Aqua

Alternative tube and fibre colour code available on request

##### Sheath Marking:

**OFS OPTICAL CABLE [ID] [MM/YYYY] [Handset Sign] xxxF [Meter Marking]**

Alternative sheath printing available on request.

In case of order the exact sheath printing text will be clarified with the customer.

Marking color is WHITE. In the event of a reprint being required, then this will be in YELLOW.

Cable ends are sealed by thermoplastic cap.

Internal cable end is available for testing by customer.

## Mechanical Properties and Environmental Behaviour

Tests according IEC 60794

Parameter	Value
<b>Tensile Performance:</b> Maximum Rated Cable Load	Load: 1335 N
Maximum Long Term Load	Load: 677 N
<b>Bending Performance:</b> With Load	Bend radius: 30 sm
With No Load	Bend radius: 15 sm
Storage Coils	Bend radius: 46 sm
<b>Temperatures:</b> Operation	-40 to +70°C
Installation	-15 to +60°C
Storage/Shipping	-40 to +70°C

## Flat Drop Cable Ordering Information

Part Number: AT -	<u>S1</u>	<u>S2</u>	<u>SF</u>	<u>S3</u>	<u>S4</u>	<u>S5</u>	<u>S6</u>	-	<u>NNN</u>
<b>S1 = Fiber Selection</b>									
3 = 1310/1550 nm (AllWave® ZWP Fiber)									
6 = 1550 nm (TrueWave® RS LWP Fiber)									
R = 850/1300 nm (Multimode Fiber)									
<b>S2 = Fiber Transmission Performance</b>									
B = 0.35/0.31/0.27/0.25/0.27 dB/km @									
1310/1385/1490/1550/1625 nm (AllWave ZWP)									
J = 2.4/0.7 dB/km and 1500/500 MHz-km @									
850/1300 nm (50 μm Multimode LaserWave300)									
U = 3.4/1.0 dB/km and 200/500 MHz-km @									
850/1300 nm (62.5 μm Multimode)									
K = 2.5/0.7 dB/km and 500/500 MHz-km @									
850/1300 nm (50 μm Multimode)									
W = 2.4/0.7 dB/km and 3000/500 MHz-km @									
850/1300 nm (50 μm Multimode LaserWave550)									
<b>SF = Fiber Type*</b>									
E = AllWave ZWP									
6 = TrueWave RS LWP									
9 = 62.5/125 μm Multimode									
2 = 50/125 μm Multimode									
<b>S3 = Sheath Construction</b>									
8 = Central Core									
<b>S4 = Core Design</b>									
T = 2.0 mm PBT Tube (Mini LT Flat Drop)									
<b>S5 = Cable Unit Type</b>									
7 = Flat Drop									
<b>S6 = Central Core – Over Sheath</b>									
X = None									
<b>NNN = Fiber Count</b>									
= 001 – 024									

\*Contact OFS Order Management for information on other cable variations, including additional fiber types, attenuation, and custom cable print.

## Hardware Equipment Information

Manufacturer of clamps is company: Telenco

Name of clamps: ODWAC-22



For additional information please contact your sales representative.  
You can also visit website at <http://www.telenco.com/>