

# Series F Whyte Hyper Flex Fibre

**WFDL-SCA/SCA-OS2001 / 002 / 003 / 004 / 005 / 010 / (BAGGED)**



**WFDL-SCA/SCA-OS2020 / 030 / 040 / 050 / 60 / 70 / 80 / 90 / 100 / 150 / 200 (REELS)**

- Reaction to fire Cca-s1a-d0-a1
- Protected SC/APC connectors
- Bend insensitivity
- CPR compliant
- BS EN 50575
- Easy splicing

Removable plastic film



1 to 10 meter (Bagged)



20 to 200 meter (Reels)



The Whyte Hyper Flex Drop Lead is a pre-terminated SC/APC to SC/APC simplex OS2 G.657.A2 single-mode fibre optic cable. Designed for quick deployment in residential, multi-dwelling units (MDUs), and commercial settings, it features a bend-insensitive tight buffered fibre within a ruggedised 3.5mm Low Smoke Zero Halogen (CCA) jacket, ensuring high performance even in challenging installations.

## Key Features:

- **Plug-and-Play Installation:** Pre-terminated with SC/APC connectors, eliminating the need for on-site termination
- **Easy Strip:** Designed to be easily stripped for installations requiring pre-termination at one end only
- **Robust and Rugged:** Has a crush resistance of 100N and pulling strength (tensile) of 260N
- **Connector Protection:** Each connector is protected with a removable plastic film to prevent damage prior to installation
- **Bend-Insensitive Fibre:** Utilizes G.657.A2 fibre, maintaining signal integrity even with tight bend radius
- **Fire Safety Compliance:** Rated Cca-s1a,d0,a1 according to EN 50575, ensuring low flame spread, minimal smoke emission, and no flaming droplets
- **Flexible Deployment Options:** Available in lengths from 1m to 200m; shorter lengths are bagged, whilst lengths of 20m and above are supplied on reels

## Applications:

- **Residential Installations:** Ideal for Fibre to the Home (FTTH) deployment
- **Multi-Dwelling Units (MDUs):** Suitable for complex building infrastructures
- **Commercial Buildings:** Ensures compliance with stringent fire safety standards

## Certifications:

- **Construction Products Regulation (CPR):** EN 50575 compliant with Cca-s1a,d0,a1 classification, indicating high fire resistance, low smoke emission, and no flaming droplets

DESCRIPTION		UNIT		VALUE
Optical Fibre Type				G.657.A2
Bend Attenuation	10 turns x 15mm radius @ 1550nm	dB		≤0.03
	1 turn x 10mm radius @1550nm	dB		≤0.1
	1 turn x 7.5mm radius @ 1550nm	dB		≤0.5
Additional Standards				ITU-T G.657.A2
Fibre Count		Core		1
Tight Buffer	Diameter	mm		0.90±0.05
	Material			LSZH
	Colour			White
Strength Member				Aramid Yarn
Jacket	Diameter	mm		3.5±0.1
	Material			LSZH (CPR Cca)
	Colour			White
Nominal Weight		kg/km		10.5
Tension (long term)		N		130
Tension (short term)		N		260
Crush (long term)		N/10cm		100
Crush (short term)		N/10cm		500
Min. Bend Radius	(Dynamic)	mm		15D
Min. Bend Radius	(Static)	mm		7.5D
Installation Temperature		°C		-10 ~ +50
Operating Temperature		°C		-20 ~ +60