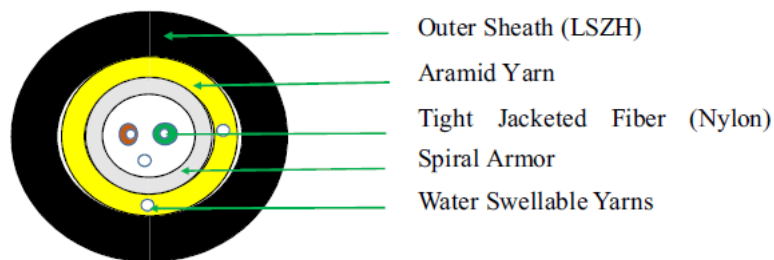


Drop Cable

FTTX



FTTH Drop Cable is a compact and durable fiber optic cable designed for reliable last-mile connectivity. It features an LSZH outer sheath, aramid yarn strength members, spiral armor protection, and water swellable yarns for enhanced mechanical strength, moisture protection, and long-term performance in indoor and outdoor FTTH applications.

Key Features

- LSZH outer sheath for enhanced fire safety and low smoke emission
- Aramid yarn strength member for high tensile strength
- Spiral armor protection against crush and rodent damage
- Water swellable yarns for moisture and water blocking
- Suitable for reliable indoor and outdoor FTTH applications
- Compliance with RoHS
- Genius Network Brand Performance warranty for 25 Years

Product Specification

Cable Type	2F SM Spiral Armored OFC
Type of Fibre	Single Mode, ITU-T G.657A1
Fiber Count	2F
Fibres Colour	Blue & Orange
Tight Buffer Material	0.90 ± 0.05
Helical Armored Layer	Spiral Armor
Strength Member	Aramid Yarn
Outer Sheath Material	LSZH-Black
Outer Sheath Thickness (mm)	0.7 ± 0.1
Cable diameter (mm)	4.8 ± 0.2
Cable Weight (kg/km)	33 ± 10 % KG

Fiber Characteristics

Attenuation @ 1310 nm	≤ 0.36 dB/Km
Attenuation @ 1550 nm	≤ 0.23 dB/Km
Mode Field Diameter @1310 nm	9.2 ± 0.4
Cladding Diameter	125 ± 0.7 um
Primary coating Diameter	245 ± 10.0 um

Mechanical Characteristics

Operating Temperature	-40 °C to + 80 °C
Tensile Strength - Long Term	450 N
Crush Test - Long Term	1000 Newton /100x100 mm
Minimum bend radius - Static	20D (D - Cable Diameter)



Packaging

Packaging

Wooden Spool - 2 KM +/- 10%

Ordering Information

Part Number	Product Description
GXUUCASA01K1	Genius Network FTTX Drop Cable Spiral Armoured 1 core - 1KM roll
GXUUCASA02K1	Genius Network FTTX Drop Cable Spiral Armoured 2 core - 1KM roll
GXUUCASA01K2	Genius Network FTTX Drop Cable Spiral Armoured 1 core - 2KM roll
GXUUCASA02K2	Genius Network FTTX Drop Cable Spiral Armoured 2 core - 2KM roll

