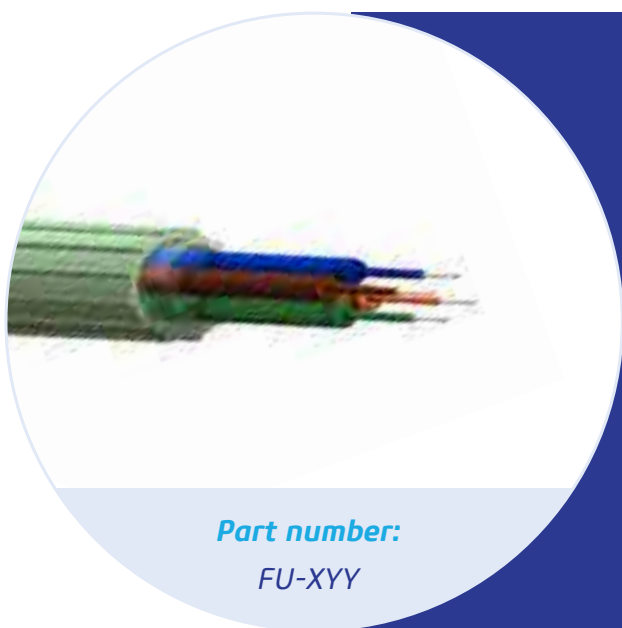


GryphonX™ Fibre Units

2/4/6/8/12 Fibres



Part number:
FU-XYX

GryphonX™ Fibre Unit is designed for the last mile FTTX network. The small overall diameter and light weight design ensure the Fibre Unit can be easily blown into the high density bundle ducts with long distance.

Features and Benefits

Provide 2, 4, 6, 8 and 12 fibres for your choice.

Fibres individually colour coded per TIA standards.

Grooves are designed to improve the air blowing performance in the duct.

Lightweight, right stiffness, repeat installation.

No gel design for easy stripping and handling.

Complete accessories, less manpower, less installation. Better costs advantage compared to traditional product.

Standards

Optic Fibre

ITU-T G 651, G652, G657
IEC 60793-2-10
Iec 60793-2-50

Optic Cable

IEC 60794-1-2
IEC 60794-5

Ordering Information

FU-002

G652D 2C Air Blown Fibre Optic Cable

Notes:

- 1) X = type of fibre (0/G652D, 1/OM1, 2/OM2, 3/OM3, 4/OM4, 5/G655, 6/G657A1, 7/G657A2, 8/G657B1, 9/G657B2)
2) YY = Number of Core (2/2cores, 4/4cores, 1B/12 cores)

GryphonX™ Fibre Units

2/4/6/8/12 Fibres



Cable Description

	2 Fibres	4 Fibres	6 Fibres	8 Fibres	12 Fibres
Number of Tube	1	1	1	1	1
Nom. Cable diameter (± 0.1mm)	1.15	1.15	1.50	1.50	1.60
Nom. Weight(± 0.5kg/km)	1.2	1.2	1.8	1.8	2.2
Applicable Microduct (mm)	5/3.5mm or 3/2.1mm				
Delivery Length	2,000m/reel				

MECHANICAL PERFORMANCE & CHARACTERISTIC

Tensile Strength (N)	Long Term	0.5 G	0.5 G	0.5 G	0.5 G	0.5 G
	Short Term	1 G	1 G	1 G	1 G	1 G
Crush Resistance (N/100mm)	Long Term	30	30	30	30	30
	Short Term	100	100	100	100	100
Min. Bending Radius	During Installation	200	200	200	200	200
	After	100	100	100	100	100
Temperature	Storage	- 20°C ~ + 60°C				
	Operation	- 20°C ~ + 60°C				
	Installation	- 5°C ~ + 50°C				

BLOWING TEST

Test Equipment	PLUMETTAZ: UM25, ERICSSON: F, CATWAY: FBT-1.1				
Standard Duct	5.0/3.5 mm				
Pressure	7bar/10bar				
Typical Blowing Distance	500m/1000m				500m/800m
Typical Blowing Time	10min/18min	12min/18min	13min/18min	15min/20min	

* " G " is the weight of cable per kilometer, the unit is Newton (N)

TRANSMISSION PERFORMANCE

	Attenuation (20°C, dB/km)	
Fibre Type	1310 nm	1550 nm
G652D (Fullband)	≤ 0.38 dB/km	≤ 0.25 dB/km