

Optical Aerial Drop System

- > Final customer connection via overhead drop cable
- > Installed using standard cabling practices
- > Cost effective and rapid installation
- > Supplied as system complete with all accessories

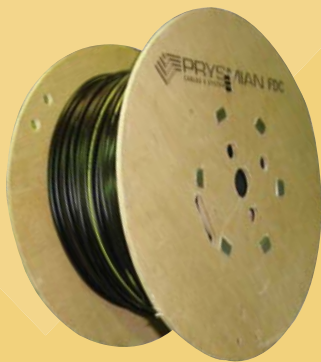
Easy, fast connections to the Home or Business

Optical Aerial Drop System



A stylish product suite to deliver Fibre to the Home or Business applications in a compact, cost effective, easy to use conventional cabling system. The system consists of a small lightweight cable with all accessories and connectivity for overhead installation.

The system is supplied in a variety of fibre counts 2 to 12 and with G652, or G657 fibre types as standard, other options available upon request.



Easy, fast connections to the Home or Business

Prysmian Technical Details

2 to 12 fibres
 Overall diameter – 6.0mm
 Sheath colour – Black
 Tensile strength – 1550N

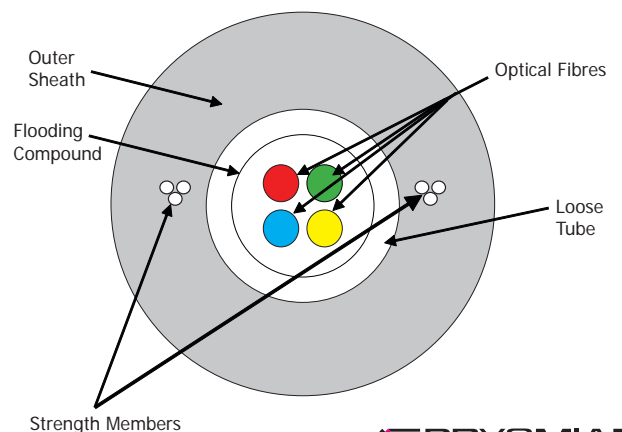
Prysmian Part Numbers (300m reels)

2 Fibre: G657A	5010682
2 Fibre: G652B	5010681
4 Fibre: G657A	5010683
4 Fibre: G652B	5009935
12 Fibre: G657A	5010684
12 Fibre: G652B	5009936

Features & Benefits

- > Easy to install flexible cabling system for FTTx applications
- > Installed using standard cabling practices; comprehensive installation guide supplied
- > No specialist tools or training required
- > Cost effective, fast, easy deployment
- > Can be installed in a variety of applications including, new or existing wooden pole routes, between buildings, across bridges and existing power line routes
- > Suitable for installation on joint user pole routes, i.e. with existing power or other cables
- > Available in 2 to 12 fibre cable sizes
- > Options for G652 and G657 fibre types
- > Suitable for underground applications
- > Supplied in standard 300m reels or bespoke lengths upon request
- > Cable fully compatible with all Prysmian Connectivity products for external and internal termination
- > Suitable for use as a short span aerial cable to deliver fibre to remote locations or where normal underground installation is not possible or cost effective

Span (m)	Temp (°C)	Wind and Ice Conditions							
		80km/h 5 mm	100km/h 5 mm	80 km/h 10 mm	120 km/h 5 mm	100 km/h 10 mm	80 km/h 15 mm	120 km/h 10 mm	100 km/h 15 mm
15	-30	Green							
25	-30	Green						Red	
35	-30	Green				Red			
45	-30	Green			Red				
55	-30	Green		Red					
65	-30	Green	Red						
75	-30	Green	Red						
85	-30	Green	Red						
95	-30	Green	Red						



SYSTEM ACCESSORIES

Anti-Creep Device

Part No: XTSC00004

Dimensions (mm): 140 x 83

Weight (gms): 205

Used to anchor the fibres within the central loose tube. These must be installed between the helical tension clamp and joint or building.

Usage: 2 per cable section

Box of 1



Helical Tension Clamp

Part No: XTSC00002

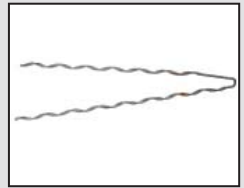
Dimensions (mm): 530 x 30 x 10

Weight (gms): 115

Used to secure cable to either a pole or house.

Usage: 2 per pole, 1 per house

Box of 20



Pole/House Mounting Clamp

Part No: XTSC00001

Dimensions (mm): 70 x 45 x 40

Weight (gms): 8

Used to secure the tension clamp to either a pole or house. Fixing screws/bolts not supplied.

Usage: 2 per pole, 1 per house

Box of 20



Pole Head Ring

Part No: XTSC00017

Dimensions (mm): 340 x 35

Weight (gms): 1740

Used to distribute a number of Drop Cables from a single wooden pole.

Usage: 1 per pole

Box of 1



Download Cleat

Part No: XTSC00009

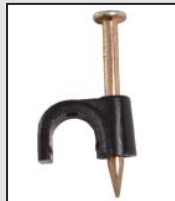
Dimensions (mm): 25 x 12 x 7

Weight (gms): 1

Used to secure the cable to the side of a house.

Usage: 10 per pole/house

Box of 100



Pole Cleat

Part No: XTSC00010

Dimensions (mm): 85 x 25 x 12

Weight (gms): 3

Used to secure the cable to a wooden pole.

Usage: 10 per pole/house

Box of 100



Longitudinal Cable Stripper

Part No: XTSC00003

Dimensions (mm): 100 x 45 x 15

Weight (gms): 25

Used to longitudinally strip the cable sheath from the tube containing the optical fibres.

Usage: 1 per installer

Box of 1



Cable Stocking Grip

Part No: XTSC00008

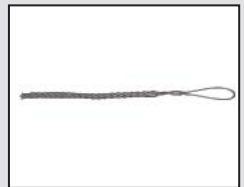
Dimensions (mm): 280 x 7.5

Weight (gms): 9

Used to attach the cable to a pulling rope to ease the installation of the cable into the mini-duct.

Usage: 1 per installer

Box of 1



6 – 2mm Gas Block

Part No: XTSC00005

Dimensions (mm): 30 x 12.5

Weight (gms): 3

Used to prevent gas from migrating along the cable into a building.

Usage: As required

Box of 50



Fibre Drop Joint

Part No: XTSC00011

Dimensions (mm): 390 x 210 x 240

Weight (gms): 2000

Used to splice fibres and distribute Drop Cables. Also suitable for cable repair situations in field.

Usage: As required

Box of 1



14/10mm Mini-duct

Part No: XTSC00015

Dimensions (mm): 14 diameter x L

Weight (gms): 71/m

Used to protect the cable when installed underground, either as direct buried or within another duct containing cables. This mini-duct has a low friction liner in the bore to maximise installation distance, typically 50 to 100m.

Usage: As required

Reel length: 1500m



Joint Pole Mounting Bracket

Part No: XJTSC00136

Dimensions (mm): 150 x 60 x 58

Weight (gms): 117

Used to mount a Fibre Drop Joint onto a pole or building. Can be mounted vertically or horizontally.

Usage: 1 per joint

Box of 1



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