

Broadband Systems

Connectix PIA Approved Pre-terminated Customer Connection Drop Cables

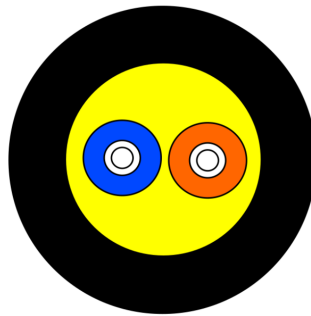
Connectix PIA Approved Customer Connection Drop cables are installed within the last mile customer connection (pole mount overhead or underground environments), suitable for SDU, SMDU and MDU deployments.

Termination options can be single or both ends of cables with options for specific cable break styles for installation into specific equipment (such as external customer splice points, aerial pole mount solutions and underground enclosures). Terminated with SC/APC or LC/APC connectors and supplied on plywood drums or cardboard reels (dependent on cable lengths / cable ODs).

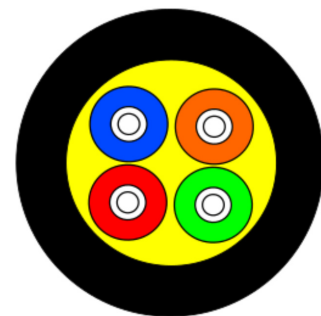
Optional braided pulling sleeves, protective socks, pulling ropes and connector stoppers are applied to cables to each customer's preference.



1 Fibre



2 Fibre



4 Fibre

Features and Benefits

- Compact cable
- All dielectric design
- UV resistant outersheath
- Waterproof structure
- Compliant with PIA requirements in UK (breaking strength @ 2000N max)
- Compatible with fitting accessories
- Tight buffer fibres
- Aramid yarn reinforcements for aerial applications
- UV resistant outersheath
- Pre-terminated with SC/APC or LC/APC connectors
- Manufactured to length
- Supplied with wooden ply drum or cardboard dereeler

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Construction Characteristics

Fibre Type	SM (G.657.A2)
Construction Type	Tight Buffered Fibre
Armour Type	Aramid Yarns
Outer Sheath	PUR
Colour	Black
Metal Free	Yes

Usage Characteristics

Installation type	Aerial - self-supporting
Installation temperature, range	0 - 40 °C
Operating temperature, range	-40 - 60 °C
Storage temperature, range	-40 - 70 °C
Bending factor when laying	20 (xD)

Mechanical Characteristics

Maximum tensile load during service (TI)	20.0 daN
Crush resistance (IEC 60794-1-E3)	100 N/cm
Maximum admissible traction load (Tm)	50 daN

Dimensional Characteristics

	1 Fibre	2 Fibre	4 Fibre
Nominal Outer Diameter	3.0mm	3.5mm	3.8mm
Approximate weight	9kg/km	11kg/km	12kg/km
Number of Optical Tubes	1	2	4
Number of Tubes	1	2	4

Ordering Information

Product Description	Part Number
Connectix 1F PIA External Drop Cable G.657.A2 LC/APC – LC/APC	024-000-xxxx-01
Connectix 1F PIA External Drop Cable G.657.A2 LC/APC – single end	024-001-xxxx-01
Connectix 1F PIA External Drop Cable G.657.A2 SC/APC – SC/APC	024-002-xxxx-01
Connectix 1F PIA External Drop Cable G.657.A2 SC/APC – single end	024-003-xxxx-01
Connectix 2F PIA External Drop Cable G.657.A2 LC/APC – LC/APC	024-000-xxxx-02
Connectix 2F PIA External Drop Cable G.657.A2 LC/APC – single end	024-001-xxxx-02
Connectix 2F PIA External Drop Cable G.657.A2 SC/APC – SC/APC	024-002-xxxx-02
Connectix 2F PIA External Drop Cable G.657.A2 SC/APC – single end	024-003-xxxx-02
Connectix 4F PIA External Drop Cable G.657.A2 LC/APC – LC/APC	024-000-xxxx-04
Connectix 4F PIA External Drop Cable G.657.A2 LC/APC – single end	024-001-xxxx-04
Connectix 4F PIA External Drop Cable G.657.A2 SC/APC – SC/APC	024-002-xxxx-04
Connectix 4F PIA External Drop Cable G.657.A2 SC/APC – single end	024-003-xxxx-04

xxxx = denotes metre length. Example 0500 = 50-metre