

**DROP CABLES**

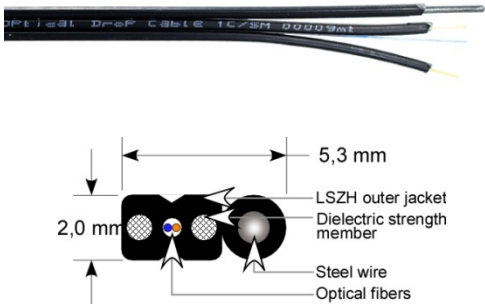
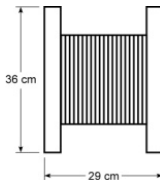
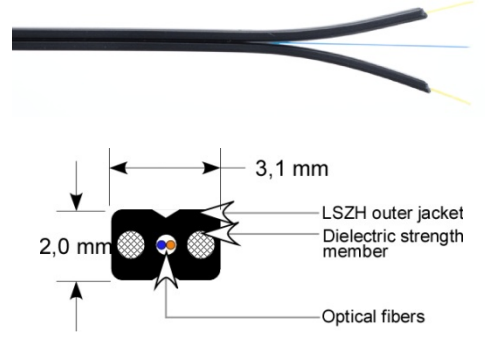
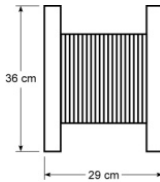
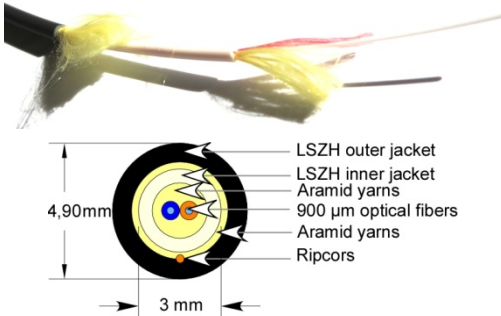
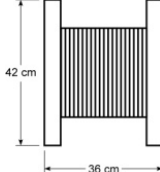
Drop cables are cables that run from the distribution point to the subscriber.  
 All of them comply with fire regulations because of the LSZH jacket.

It can be manufactured with any type of jacket colour and fiber type. G657A optical fiber is recommended for these cable types. G657A allows smaller than 10 mm bending radius, with no variation in attenuation.

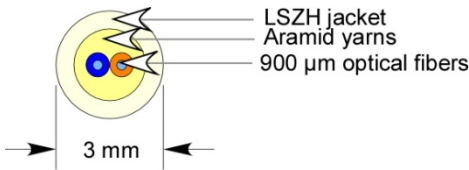
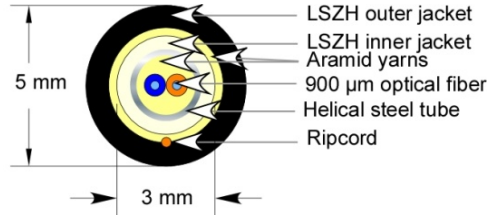
G657A fiber is fully compatible with G652D.

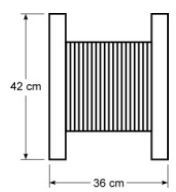
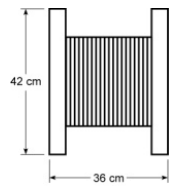
Sigma network can supply rolls in the desired length with connectors in both ends (Patch cords).

**Structure, composition & Specifications**

Type	Image & cable section	Description	Specifications
1		<p><b>FTTH FLAT DROP CABLE WITH MESSENGER WIRE</b></p> <p>Low friction flat cable. The metallic messenger and the two FRP rods make the cable rigid and facilitates the installation of cables inside conduits without cable guide. Inside the subscriber's home, messenger wire can be removed and the cable is stapled on the wall.</p>	<p>Maximum number of fibers: 2            Dimensions : 5,3 mm x 2 mm            Weight : 20 kg/km            Tensile strength : 1000 N            Standard packing spool of 1 km. Gross weight 23 kg.</p> 
2		<p><b>FTTH FLAT DROP CABLE</b></p> <p>Identical to type 1 but without the steel messenger. Suitable for indoor installations in which a very small cable is required.</p>	<p>Maximum number of fibers: 2            Dimensions : 3,1 mm x 2 mm            Weight : 8 kg/km            Tensile strength : 300 N            Standard packing spool of 1 km. Gross weight 11 kg.</p> 
3		<p><b>FTTH FLEXIBLE DOUBLE JACKET CABLE</b></p> <p>Extremely flexible cable. Outer black jacket can be removed leaving access to white 3 mm inner jacket avoiding derivation boxes.</p>	<p>Maximum number of fibers: 2            Dimensions : <math>\Phi = 4,9</math> mm            Weight : 19 kg/km            Tensile strength : 500 N            Standard packing spool of 1 km. Gross weight 23 kg.</p> 

In order to improve performances, Sigma Network reserves the possibility to modify present datasheet without previous notice.

Type	Image & cable section	Description	Specifications
4		<p><b>FLEXIBLE DROP SINGLE JACKET CABLE</b>            Flexible drop cable for indoor installations.            White or Ivory colour has low visual impact.</p>	<p>Maximum number of fibers: 2            Dimensions : <math>\Phi=3</math> mm            Weight : 6 kg/km            Tensile strength : 300 N            Standard packing spool of 1 km. Gross weight 10 kg.</p>
5		<p><b>FLEXIBLE DROP CABLE DOUBLE JACKET WITH HELICAL STEEL TUBE</b>            Flexible and resistant cable at the same time because of the helical steel tube protection.            Outer black jacket can be removed leaving access to white 3 mm inner jacket avoiding derivation boxes.</p>	<p>Maximum number of fibers: 2            Dimensions : <math>\Phi=5</math> mm            Weight : 29 kg/km            Tensile strength : 500 N            Standard packing spool of 1 km. Gross weight 33 kg.</p>



**Cable options**

For this general datasheet, colour jacket, number and fiber type must be chosen.

Main Type	Jacket	Fiber no.	Fiber type
From 1 to 5	WH	White	1 or 2
	BK	Black	G652D
	I	Ivory	G657A1
			G657A2

Singlemode standard.  
 Bending radius recommended not lower than 30 mm.  
 Bend-insensitive.  
 Bending radius recommended not lower than 10 mm.  
 Bend-insensitive.  
 Bending radius recommended not lower than 7.5 mm.

**Nomenclature / Cable reference**

Complete reference <b>DROP TYPE 1 / BK / 1 OF / G657A1</b>	Main Family TYPE 1	Jacket BK	Fibers no. 1	Fiber type G657A1
		One fiber G657A1		
		Black jacket colour		
Type 1 drop cable. Flat with steel messenger.				

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