



# Drop Cable, Indoor Slim

GNGQBDU 1 fiber G657A2 StdE

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## Features

- Excellent installation performance
- 1 fiber, G657.A2\*
- Diameter optimized to 2.9 mm to be used for cable clamps
- Flexible design
- Excellent bend-performance
- Halogen-free, fire-resistant sheath

## Application

The cable is a fiber optic drop cable for indoor FTTx applications.

The drop cable is primarily intended for direct installation, i.e. installation with staples or clips or routing inside cable raceways and mouldings. Fits easily to standard connectors bend protection.

This installation technique puts extra tough requirements on the cables in terms of bend performance, crush resistance and other mechanical parameters.

The drop cable has extremely good bend performance due to the G657.A2 fiber and the inbuilt bend restriction of the cable design. The cable will by itself control the minimum bend radius and permit kinking.

## Design

The drop cable is available with 1 tight coated fibers.

The tight coated fiber allow easy splicing or connector assembly. Aramide yarns around the fibers guarantee the tensile performance. The sheath is made of flame-retardant fire resistant material.

## Product Information

- 1 Primary coated fiber: Silica, acrylate
- 2 Tight secondary coating, PA
- 3 Aramide yarn
- 4 Sheath: Polyethylene, Halogen free, flame retardant

## Technical Information

<b>Product Color</b>	White Sheath
<b>Color Code</b>	STDE
<b>Temperature, Operation [°C]</b>	-20 to +70
<b>Temperature, Storage [°C]</b>	-40 to +70
<b>Temperature, Installation [°C]</b>	0 to +60
<b>Reaction to Fire</b>	Flame resistance according to IEC 60332-3-24
<b>Fiber Type</b>	G657A2
<b>Attenuation @Wavelength [nm]</b>	1310/1550
<b>Maximum Attenuation [dB/km]</b>	0.40/0.28

**Conformance**

Mechanical and environmental tests in accordance with IEC 60794-1-2.  
 Fiber parameters and tests according to the IEC series 60793-2 and 60793-1.  
 Flame resistance according to IEC 60332-3-24.

**Marking**

Example of sheath marking, 1 time/meter:  
 "HEXATRONIC A35 yyww TOL4063005 DESIGNATION xxxxx"  
 where yyww = year, week of manufacture, xxxxx=running meter marking.

**Installation Notes**

The drop cable is primarily intended for direct installation, i.e. installation with staples or clips or routing inside cable raceways and mouldings. Fits easily to standard connectors bend protection.

**Ordering Information**

Supplied lengths: 2, 4, 6 km

**Technical Details**

Std-E Fibers	1	2	3	4	5	6	7	8	9	10	11	12
	Red	Blue	White	Green	Yellow	Grey	Brown	Black	Orange	Violet	Pink	Turquoise
	13	14	15	16	17	18	19	20	21	22	23	24
	Red	Blue	White	Green	Yellow	Grey	Brown	Clear	Orange	Violet	Pink	Turquoise

  

Std-E Tubes	1	2	3-6			7	8-16		
	Red	Blue	White			Blue	White		

StdE Color Code Chart

## Articles 1

Article name	Color	Nb. of Fibers	Layout	Weight [kg/km]	Length [m]
<b>GNGQBDU 1 G657A2</b> TOL4063005/1A	White	1	1x1	9	2000/K4