Drop Cable, Indoor Slim

GNGQBDU 1 fiber G657A2 StdE

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

Product Color	White Sheath
Color Code	STDE
Temperature, Operation [°C]	-20 to +70
Temperature, Storage [°C]	-40 to +70
Temperature, Installation [°C]	0 to +60
Reaction to Fire	Flame resistance according to IEC 60332-3-24
Fiber Type	G657A2
Attenuation @Wavelength [nm]	1310/1550
Maximum Attenuation [dB/km]	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 Fibers	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	No. of Fibers	Layout	Weight [kg/km]	Length [m]
GNGQBDU 1 G657A2 TOL4063005/1A	White	1	1x1	9	2000/K4