



Indoor Drop Cable, Extra Protected

GRGQ 1-4 fibers G657A2 StdE

Features

- Excellent installation performance
- 1-4 fibers, G657.A2*
- Easy to access and identify fibers
- Very good temperature performance
- Diameter optimized to 4.8 mm to be used for cable clamps
- Robust and flexible design
- 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. This installation technique puts extra tough requirements on the cables in terms of bend performance, crush resistance and other mechanical parameters.

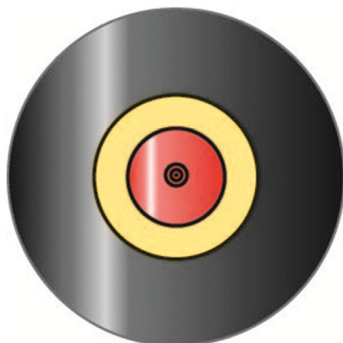
The drop cable has extremely good bend performance due to the G657.A2 fiber and the inbuilt bend restriction of the cable design. The cable will by itself control the minimum bend radius and permit kinking.

Design

The drop cable is available with 1, 2 or 4 tight coated fibers.

The tight coated fibers 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, PBT
- 3 Aramide yarn
- 4 Sheath: Polyethylene, Halogen free, flame retardant

Technical Information

Product Color	White Sheath (RAL9001)
Color Code	STDE
Temperature, Operation [°C]	-40 till +60
Temperature, Storage [°C]	-40 till +70

Temperature, Installation [°C]	-15 till +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.
Ordering Information	Supplied lengths: 1 or 2 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 3

Article name	Color	No. of Fibers	Layout	Bend Radius [mm]	Tensile Force, Installation [N]	Tensile Force, Operation [N]	Crush [N/100 mm]	Diameter Ø [mm]	Weight [kg/km]	Length [m]
GRGQ 1/F1 G657A2 TOL4063006/1A	White	1	1x1	20	500	350	5000	4.8	26	1000/K5, 2000/K6
GRGQ 2/F1 G657A2 TOL4063006/2A	White	2	2x1	20	500	350	5000	4.8	24	1000/K5, 2000/K6
GRGQ 4/F1 G657A2 TOL4063006/4A	White	4	4x1	25	500	350	5000	4.8	26	1000/K5, 2000/K6