

FTTx Indoor Drop Cable CCA

1-4 fibers G657B3 TIA598

Features

- ITU-T G657B3 bend insensitive fiber
- Tight buffered
- White discrete coloring
- Small cable outer diameter
- High tensile strength
- LSZH cables compliant to Cca -s1a, d0 -a1
- Compliant to directive 2002/95/EC (RoHS)

Application

The Indoor drop cable is mainly used for FTTx applications but can also be used for cross-connect applications in nodes.

Using bend resistant G657B3 compliant fibers enables the cable to be installed directly on walls, floorboards and similar. In addition, the cable can also be pulled into ducts and conduits.

Design

The cable has a flame retardant jacket. Aramide yarn is used for increased pull strength. The fibers are tight protected. The cable is CPR rated to Cca.

Product Information

- 1 Optical fiber
- 2 Tight buffer
- 3 Strength member
- 4 Jacket

Technical Information

Tuotteen väri	White
Värijärjestys	TIA598
Lämpötila, käyttö [°C]	-20 to +70
Lämpötila, varastointi [°C]	-15 to +50
Lämpötila, asennus [°C]	-20 to +70
Vedenesto	Length water blocking according to IEC 60794-1-22 Method F5C
Palo-ominaisuudet	Cca -s1a, d0 -a1, IEC 60332-1
Kuidun tyyppi	G657B3
Vaimennus @Aallonpituudella [nm]	1310/1550
Max. vaimennus [dB/km]	0.40/0.30
Liitosvaimennus, max [dB]	0.25

Vaatimustenmukaisuus

- Tensile, short term - IEC 60794-1-21, E1
- Tensile, long term - IEC 60794-1-21, E1
- Abrasion, cable sheath - IEC 60794-1-21, E2A
- Abrasion, cable sheath marking - IEC 60794-1-21, E2B
- Crush - IEC 60794-1-21, E3A
- Impact - IEC 60794-1-21, E4
- Bend, multiple turns - IEC 60794-1-21, E11A
- For details on test conditions, contact Hexatronic

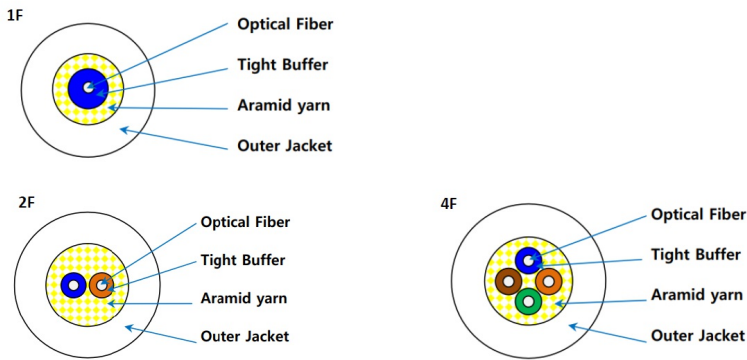
Sertifikaatit

- Cca -s1a, d0 -a1
- RoHS 2002/95/EC

Merkintä

Example of jacket marking, 1 time/meter:
 "HEXATRONIC XXX yymmddtt TOL4063033/1C 1F
 G657B3 TIA-598 Cca-s1a,d0,a1 xxxxx m"
 where XXX = plant code, yymmddhh = year, month, day
 of manufacture, xxxxx=running meter marking

Technical Details



CABLE DATA
 (Diameter, Weight, Bending Radius and Tensile Load)

No. of Fibers	Tight Buffer Diameter (µm)	Overall Diameter (mm)	Approx. Cable Weight (kg/km)	Cable Bending Radius (mm)	Max. Tensile Load	
					Installation (N)	Operation (N)
1F	900±50	3.0±0.2	9	30	400	200
			9.5			
2F	600±50	3.5±0.2	12	35	400	200
			12.5			
4F	600±50	3.5±0.2	13	35	400	200
			13.5			

Articles 5

Article name	Väri	Kuitujen lkm	Asettelu	Taijutussäde [mm]	Vetolujuus, asennettaessa [N]	Vetolujuus, asennettuna [N]	Puristuslujuus [N/100 mm]	Isku [J]	Halkaisija Ø [mm]	Paino [kg/km]	Toimitustapa
Drop cable Indoor 1f G657A2 CPR Cca TOL4063033/1C	White	1	1 × 900 μm	30	400	200	500	3	3	9.5	1000 mreel
Drop cable Indoor 2f G657A2 CPR Cca TOL4063034/2C	White	2	2 × 600 μm	30	400	200	500	3	3.5	12.5	1000 mreel
Drop cable Indoor 4f G657A2 CPR Cca TOL4063034/4C	White	4	4 × 600 μm	30	400	200	500	3	3.5	13.5	1000 mreel
SM Duplex cord cable 2f - LSZH/white/K.G.657A2-CPR-Cca FCAT-CDX-SMA2L35-WHT-C-1K	–	2	–	–	–	–	–	–	3.5	–	–
SM Quad cord cable 4f - LSZH/white/K.G.657A2-CPR-Cca FCAT-CQX-SMA2L35-WHT-C-1K	–	4	–	–	–	–	–	–	3.5	–	–