



Duct and Direct Buried Drop Cable

FTMU 1-12 fibers G657A1 FIN2012

Features

- Excellent installation performance
- Easy to strip and identify fibers
- Very good temperature performance
- 1-12, G657.A1 bend resistant fibers
- Diameter 6.1x3.3 mm
- Robust and flexible design
- Halogen free sheath

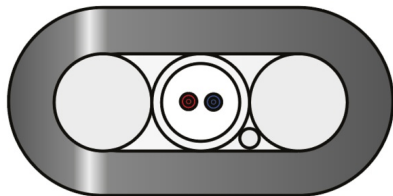
Application

The cable is a fiber optic drop cable designed for low-cost subscriber connections such as fiber-to-the-home (FTTH) or fiber-to-the-building (FTTB) networks, bridging the space between the distribution network and the subscriber premises. The drop cable can be installed in ducts or be direct buried.

Design

The drop cable, based on the well proven loose tube technology, consists of one loose tube with 1 to 12 fibers. Two FRP rods (Fiber reinforced plastics) guarantee highest tensile performance. The sheath gives the cable good protection against all outdoor environments.

Product Information



- 1 Primary coated fiber: Silica, acrylate
- 2 Filling compound: Thixotropic grease
- 3 Loose tube: PA
- 4 Slit up yarn
- 5 Central strength member: Glass fiber reinforced plastic, water swellable
- 6 Sheath: Polyethylene, halogen-free

Technical Information

Tuotteen väri	Black Sheath
Värijärjestys	FIN2012
Lämpötila, käyttö [°C]	-40 to +70
Lämpötila, varastointi [°C]	-40 to +70
Lämpötila, asennus [°C]	-15 to +60
Vedenesto	Longitudinal water blocking according to IEC 60794-1-2-F5B

Kuidun tyyppi	G657A1
Vaimennus @Aallonpituudella [nm]	1310/1550/1625
Keskimääräinen vaimennus [dB/km]	0.36/0.22/0.25
Max. vaimennus [dB/km]	0.38/0.25/0.30
Vaatimustenmukaisuus	Longitudinal water blocking according to IEC 60794-1-2-F5B. 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.
Merkintä	Example of sheath marking, 1 time/meter: “HEXATRONIC A35 yymddhh FTMU 1x12 SML Micro G.657.A1 TOL4069013/12ALxxxx m” where yymddhh = year, month, day and hour of manufacture, xxxx=running meter marking.
Tilastiedot	Supplied lengths: 1, 2, 4 and 6 km

Technical Details

FIN-2012 Kuidut ja putkapaalilysteet Fibers and Tubes	1	2	3	4	5	6	7	8	9	10	11	12
	Sininen Blue	Valkoinen White	Keltainen Yellow	Vihreä Green	Harmaa Grey	Oranssi Orange	Ruskea Brown	Turkoosi Turquoise	Musta Black	Violetti Violet	Vaalean-punainen Pink	Punainen Red
	13	14	15	16	17	18	19	20	21	22	23	24
	Sininen Blue	Valkoinen White	Keltainen Yellow	Vihreä Green	Harmaa Grey	Oranssi Orange	Ruskea Brown	Turkoosi Turquoise	Läpinäkyvä Clear	Violetti Violet	Vaalean-punainen Pink	Punainen Red

Articles 3

Article name	Väri	Kuitujen lkm	Asettelu	Taivutus säde [mm]	Vetolujuus [N]	Puristuslujuus [N/100 mm]	Mitat [mm]	Paino [kg/km]	Pituus [m]
FTMU 1x2 SML Micro G657A1 TOL4069013/2AL	Black	2	1x2	75	1200	6000	6.1 × 3.3	19	2000/K6
FTMU 1x4 SML Micro G657A1 TOL4069013/4AL	Black	4	1x4	75	1200	6000	6.1 × 3.3	19	2000/K6
FTMU 1x12 SML Micro G657A1 TOL4069013/12AL	Black	12	1x12	75	1200	6000	6.1 × 3.3	19	2000/K6