



Cable Assemblies with Connection Box

Terminated Cables with Closure for FTTA Applications

Features

- Fiber Termination for up to 24 RRU units.
- LC adapters for easy installation
- Discrete design and low visual impact
- Durable UV-protected plastic
- Dielectric
- Protection level IP53 with respect to dust and water
- Adapted for smooth and fast installation
- Pre terminated with LC connectors in both ends
- Optical fiber SM G.657.A1 bend insensitive
- Jacket made of halogen-free weather proof material

- Intended for outdoor applications
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Application

Cable and termination box system for interconnecting optical links between RRU and the RBS in outdoor radio base applications .

Design

The Fiber Termination Box is designed to handle up to 24 RRU systems with a pre-connected 48 fiber cable with LC connectors. In order to keep the fibers collected, they are organized in groups (4f / group) using adhesive tape applied on connectors/ fan out and in the middle of fan out. The tape is easy to remove.

On MU side, the fan out of the grouped connectors is stacked with a distance of 60 mm.

Cable entering the box is sealed with a plastic bushing.

FTTA Jumper cables to the RRUs, i.e. LCD-LCD, (LC(FullAXS)-LCD) are available as option. Length up to 10m of optical jumper cables can be handled within the box.

The Fiber Termination Box is made of UV-protective plastics, Polycarbonate (PC). The box is intended for mounting on poles up to Ø110 mm with hose clamps.

Technical Information

Product Color	Dark grey
Temperature, Operation [°C]	-30 to +70
Temperature, Storage [°C]	-30 to +70
IP Rating	IP53
Reaction to Fire	UL94V0
Fiber Type	G657A1
Technical Notes	UV protected
Ordering Information	<p>For fast and easy installation the fiber cable is pre mounted in the Fiber Termination Box and coiled and fixed in suitable plastic bags/packing bolster.</p> <p>Recommended cable clamps for installation are NTM 201 4156/X</p> <p>Package size: 600x600x150 mm</p>

Technical Details



12-24 RRU FTTA System Solution



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Articles

Article name	No. of Fibers	Diameter Ø [mm]	Dimensions [mm]	Weight [kg/km]	Weight [kg]	Length [m]
FTTA 24LC SM NTM5041136/25M	24	5.7	300 × 240 × 110	–	2.38	25
FTTA 24LC SM NTM5041136/50M	24	5.7	300 × 240 × 110	–	3.08	50
FTTA 24LC SM NTM5041136/65M	24	5.7	300 × 240 × 110	–	3.5	65
FTTA 24LC SM NTM5041136/80M	24	5.7	300 × 240 × 110	–	3.92	80
FTTA 24LC SM NTM5041136/95M	24	5.7	300 × 240 × 110	–	4.34	95
FTTA 24LC SM NTM5041136/130M	24	5.7	300 × 240 × 110	–	5.32	130
FTTA 24LC SM NTM5041136/170M	24	5.7	300 × 240 × 110	–	8	170
FTTA 24LC SM NTM5041136/200M	24	5.7	300 × 240 × 110	–	7.28	200
FTTA 24LC SM NTM5041136/250M	24	5.7	300 × 240 × 110	–	8.68	250
FTTA 24LC SM NTM5041136/300M	24	5.7	300 × 240 × 110	–	10.08	300
FTTA 48LC SM NTM5041135/130M	48	5.7	300 × 240 × 110	6	5.32	130
FTTA 48LC SM NTM5041135/25M	48	5.7	300 × 240 × 110	2	2.38	25
FTTA 48LC SM NTM5041135/50M	48	5.7	300 × 240 × 110	3.5	3.08	50
FTTA 48LC SM NTM5041135/65M	48	5.7	300 × 240 × 110	4	3.5	65
FTTA 48LC SM NTM5041135/80M	48	5.7	300 × 240 × 110	4.5	3.92	80
FTTA 48LC SM NTM5041135/95M	48	5.7	300 × 240 × 110	5	4.34	95
FTTA 48LC SM NTM5041135/170M	48	5.7	300 × 240 × 110	–	8	170