



# Lightmate ODF LC pre-terminated with cable

Optical Distribution Frame 19-inch 1U Pre-terminated with LC

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## Features

- Delivered with measurement protocol for all connections
- Unique ID serial number
- 19" , ETSI mount (accessories) as option
- Integrated patch guide option

## Application

Pre-terminated units are excellent for dense medium to very high number of terminations where rational and fast roll out is critical such as in FTTx networks.

The opened end of the cable is fused either in a splice cabinet on site where the incoming fibers can be rearranged to any ODF-port or in a manhole outside plant. By eliminating the pigtail splicing the method is both easier and faster to splice and increases the quality of the ODFs optical performance. For large roll outs the actual spreading of work space allows for parallel work to be performed both in the splice point and in the rack end.

Many times a change of cable sheath between outdoor and indoor cable has to be done and by using pre connected ODFs one splice point can often be eliminated.

The installed pre-connectorized cable is available in different versions to suit most installation scenarios and applications.

## Design

Different types of cable

- Ribbon 4
- Ribbon 8 -R
- Ribbon 8 Soft jacket -T
- Loose Tube SM -K
- Loose Tube OM4 -D
- Micro Cable S12 color code - M
- Micro Cable TIA color code -MT

## Product Information

**Insertion Loss (IL):**  $\leq 0,2$  dB UPC /  $\leq 0,3$  dB APC

**Return Loss (RL):**  $\geq 50$  dB UPC /  $\geq 60$  dB APC

## Technical Information

**Product Color**

Coral white

**Fiber Type**

G657A1;G652D;G657A2;OM1;OM2;OM3;OM4

## Articles 119

Article name	Color	Nb. of Fibers	Layout	Length [ft]	Form of Delivery
Pre-terminated ODF LightMate 19" 1U 12xLC/UPC SM GAHSQ ribbon 201160-12L-20	–	12	LC	66	Box
Pre-terminated ODF LightMate 19" 1U 12xLC/UPC SM Viper microcable 201160-12L-20M	–	12	LC	66	Box
Pre-terminated ODF LightMate 19" 1U 12xLC/UPC SM GAHSQ ribbon 201160-12L-30	–	12	LC	98	Box
Pre-terminated ODF LightMate 19" 1U 12xLC/UPC SM Loose Tube 201160-12L-30K	–	12	LC	66	Box
Pre-terminated ODF LightMate 19" 1U 12xLC/UPC SM GAHSQ ribbon 201160-12L-40	–	12	LC	131	Box
Pre-terminated ODF LightMate 19" 1U 12xLC/UPC SM GAHSQ ribbon 201160-12L-50	–	12	LC	164	Box
Pre-terminated ODF LightMate 19" 1U 12xLC/UPC SM Loose Tube 201160-12L-50K	–	12	LC	164	Box
Pre-terminated ODF LightMate 19" 1U 12xLC/UPC SM GAHSQ ribbon 201160-12L-60	–	12	LC	197	Box
Pre-terminated ODF LightMate 19" 1U 12xLC/UPC SM GAHSQ ribbon 201160-12L-80	–	12	LC	262	Box
Pre-terminated ODF LightMate 19" 1U 24xLC/UPC SM GAHSQ ribbon 201160-24L-100	White	24	LC	100	Box
Pre-terminated ODF LightMate 19" 1U 24xLC/UPC SM GAHSQ ribbon 201160-24L-110	–	24	LC	361	Box
Pre-terminated ODF LightMate 19" 1U 24xLC/UPC SM GAHSQ ribbon 201160-24L-140	–	24	LC	459	Box
Pre-terminated ODF LightMate 19" 1U 24xLC/UPC SM GAHSQ ribbon 201160-24L-15	–	24	LC	49	Box
Pre-terminated ODF LightMate 19" 1U 24xLC/UPC SM GAHSQ ribbon 201160-24L-20	–	24	LC	66	Box
Pre-terminated ODF LightMate 19" 1U 24xLC/UPC SM Viper microcable 201160-24L-20M	–	24	LC	66	Box
Pre-terminated ODF LightMate 19" 1U 24xLC/UPC SM GAHSQ ribbon 201160-24L-280	–	24	LC	919	Box
Pre-terminated ODF LightMate 19" 1U 24xLC/UPC SM GAHSQ ribbon 201160-24L-30	–	24	LC	98	Box
Pre-terminated ODF LightMate 19" 1U 24xLC/UPC SM Loose Tube 201160-24L-30K	–	24	LC	98	Box
Pre-terminated ODF LightMate 19" 1U 24xLC/UPC SM Viper microcable 201160-24L-30M	–	24	LC	98	Box
Pre-terminated ODF LightMate 19" 1U 24xLC/UPC SM GAHSQ ribbon 201160-24L-50	White	24	LC	50	Box
Pre-terminated ODF LightMate 19" 1U 24xLC/UPC SM Loose Tube 201160-24L-50K	–	24	LC	164	Box
Pre-terminated ODF LightMate 19" 1U 24xLC/UPC SM Viper microcable 201160-24L-50M	–	24	LC	164	Box
Pre-terminated ODF LightMate 19" 1U 24xLC/UPC SM GAHSQ ribbon 201160-24L-60	–	24	LC	197	Box

Article name	Color	No. of Fibers	Layout	Length [ft]	Form of Delivery
Pre-terminated ODF LightMate 19" 1U 24xLC/UPC SM GAHSQ ribbon 201160-24L-70	–	24	LC	230	Box
Pre-terminated ODF LightMate 19" 1U 24xLC/UPC SM GAHSQ ribbon 201160-24L-80	–	24	LC	262	Box
Pre-terminated ODF LightMate 19" 1U 24xLC/APC SM GAHSQ ribbon 201160-24N-100	–	24	LCA	328	Box
Pre-terminated ODF LightMate 19" 1U 24xLC/APC SM GAHSQ ribbon 201160-24N-15	–	24	LCA	49	Box
Pre-terminated ODF LightMate 19" 1U 24xLC/APC SM GAHSQ ribbon 201160-24N-30	–	24	LCA	98	Box
Pre-terminated ODF LightMate 19" 1U 24xLC/APC SM GAHSQ ribbon 201160-24N-50	–	24	LCA	164	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/APC SM 385-480 GAHSQ 201160-385-96N-50	–	96	LCA	164	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/UPC SM GAHSQ ribbon 201160-48L-10	–	48	LC	33	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/UPC SM GAHSQ ribbon 201160-48L-100	White	48	LC	100	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/UPC SM GAHSQ ribbon 201160-48L-140	–	48	LC	459	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/UPC SM GAHSQ ribbon 201160-48L-15	–	48	LC	49	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/UPC SM GAQQBDU 8-ribbon 201160-48L-15T	–	48	LC	49	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/UPC SM GAHSQ ribbon 201160-48L-20	–	48	LC	66	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/UPC SM Loose Tube 201160-48L-20K	–	48	LC	66	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/UPC SM Viper microcable 201160-48L-20M	–	48	LC	66	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/UPC SM GAHSQ ribbon 201160-48L-25	–	48	LC	82	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/UPC SM GAHSQ ribbon 201160-48L-30	White	48	LC	30	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/UPC SM Loose Tube 201160-48L-30K	White	48	LC	30	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/UPC SM Viper microcable 201160-48L-30M	White	48	LC	30	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/UPC SM GAQQBDU 8-ribbon 201160-48L-30T	–	48	LC	98	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/UPC SM GAHSQ ribbon 201160-48L-40	–	48	LC	131	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/UPC SM GAHSQ ribbon 201160-48L-50	White	48	LC	50	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/UPC SM Loose Tube 201160-48L-50K	White	48	LC	50	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/UPC SM Viper microcable 201160-48L-50M	White	48	LC	50	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/UPC SM GAHSQ ribbon 201160-48L-70	White	48	LC	70	Box

Article name	Color	No. of Fibers	Layout	Length [ft]	Form of Delivery
Pre-terminated ODF LightMate 19" 1U 48xLC/UPC SM GAQQBDU 8-ribbon 201160-48L-70T	–	48	LC	230	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/APC SM GAHSQ ribbon 201160-48N-100	White	48	LCA	100	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/APC SM GAHSQ ribbon 201160-48N-15	–	48	LCA	49	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/APC SM Loose Tube 201160-48N-15K	–	48	LCA	49	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/APC SM GAHSQ ribbon 201160-48N-20	–	48	LCA	66	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/APC SM GAHSQ ribbon 201160-48N-30	–	48	LCA	98	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/APC SM Viper microcable 201160-48N-30M	White	48	LCA	30	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/APC SM GAHSQ ribbon 201160-48N-40	–	48	LCA	131	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/APC SM GAHSQ ribbon 201160-48N-50	–	48	LCA	164	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/APC SM GAHSQ ribbon 201160-48N-60	–	48	LCA	197	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/APC SM GAHSQ ribbon 201160-48N-70	White	48	LCA	70	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/APC SM GAHSQ ribbon 201160-48N-80	–	48	LCA	262	Box
Pre-terminated ODF LightMate 19" 1U 48xLC/APC SM GAHSQ ribbon 201160-48N-90	–	48	LCA	295	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM GAHSQ ribbon 201160-96L-10	–	96	LC	33	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM GAHSQ ribbon 201160-96L-100	White	96	LC	100	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM Viper microcable 201160-96L-100M	White	96	LC	100	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/PC MM OM4 201160-96L-10D	White	96	LC	10	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM GAHSQ ribbon 201160-96L-120	–	96	LC	394	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM Loose Tube 201160-96L-120K	–	96	LC	394	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM GAHSQ ribbon 201160-96L-140	–	96	LC	459	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM GAHSQ ribbon 201160-96L-15	–	96	LC	49	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM GAHSQ ribbon 201160-96L-150	White	96	LC	150	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/PC MM OM4 201160-96L-150D	–	96	LC	492	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM Loose Tube 201160-96L-150K	White	96	LC	150	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM Viper microcable 201160-96L-150M	White	96	LC	150	Box

Article name	Color	No. of Fibers	Layout	Length [ft]	Form of Delivery
Pre-terminated ODF LightMate 19" 1U 96xLC/PC MM OM4 201160-96L-15D	White	96	LC	15	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM Loose Tube 201160-96L-15K	–	96	LC	49	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM microkabel 201160-96L-15M	White	96	LC	15	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM GAQQBDU 8-ribbon 201160-96L-15T	–	96	LC	49	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM GAHSQ ribbon 201160-96L-190	–	96	LC	623	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM GAHSQ ribbon 201160-96L-20	–	96	LC	66	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM GAHSQ ribbon 201160-96L-200	–	96	LC	656	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/PC MM OM4 201160-96L-20D	–	96	LC	66	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM Loose Tube 201160-96L-20K	–	96	LC	66	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM Viper microcable 201160-96L-20M	–	96	LC	66	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM GAQQBDU 8-ribbon 201160-96L-20T	–	96	LC	66	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM GAHSQ ribbon 201160-96L-25	–	96	LC	82	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/PC MM OM4 201160-96L-25D	White	96	LC	25	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM GAHSQ ribbon 201160-96L-30	White	96	LC	30	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM Loose Tube 201160-96L-30K	White	96	LC	30	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM Viper microcable 201160-96L-30M	White	96	LC	30	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM GAHSQ ribbon 201160-96L-30R8	–	96	LC	98	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM GAQQBDU 8-ribbon 201160-96L-30T	–	96	LC	98	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM GAHSQ ribbon 201160-96L-40	–	96	LC	131	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM Loose Tube 201160-96L-40K	–	96	LC	131	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM GAHSQ ribbon 201160-96L-50	White	96	LC	50	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM Loose Tube 201160-96L-50K	White	96	LC	50	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM Viper microcable 201160-96L-50M	White	96	LC	50	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM GAHSQ ribbon 201160-96L-60	–	96	LC	197	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/UPC SM GAHSQ ribbon 201160-96L-70	White	96	LC	70	Box

Article name	Color	No. of Fibers	Layout	Length [ft]	Form of Delivery
Pre-terminated ODF LightMate 19" 1U 96xLC/APC SM Viper microcable 201160-96L-70M	White	96	LC	70	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/APC SM GAQBDU 8-ribbon 201160-96L-70T	–	96	LC	230	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/APC SM GAHSQ ribbon 201160-96L-75	White	96	LC	75	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/APC SM GAHSQ ribbon 201160-96L-90	–	96	LC	295	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/APC SM GAHSQ ribbon 201160-96N-100	White	96	LCA	100	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/APC SM Viper microcable 201160-96N-100M	White	96	LCA	100	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/APC SM GAHSQ ribbon 201160-96N-15	–	96	LCA	49	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/APC SM Loose Tube 201160-96N-15K	–	96	LCA	49	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/APC SM Viper mikrokabel 201160-96N-15M	–	96	LCA	49	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/APC SM Viper microcable TIA 201160-96N-15MT	–	96	LCA	49	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/APC SM GAHSQ ribbon 201160-96N-20	–	96	LCA	66	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/APC SM GAHSQ ribbon 201160-96N-30	White	96	LCA	30	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/APC SM Loose Tube 201160-96N-30K	White	96	LCA	30	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/APC SM Viper microcable 201160-96N-30M	White	96	LCA	30	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/APC SM GAHSQ ribbon 201160-96N-50	White	96	LCA	50	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/APC SM Viper microcable 201160-96N-50M	White	96	LCA	50	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/APC SM GAHSQ 8-ribbon 201160-96N-50R8	–	96	LCA	164	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/APC SM Viper microcable 201160-96N-60M	–	96	LCA	197	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/APC SM GAHSQ 8-ribbon 201160-96N-60R8	–	96	LCA	197	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/APC SM GAHSQ ribbon 201160-96N-70	White	96	LCA	70	Box
Pre-terminated ODF LightMate 19" 1U 96xLC/APC SM GAHSQ 8-ribbon 201160-96N-70R8	–	96	LCA	230	Box