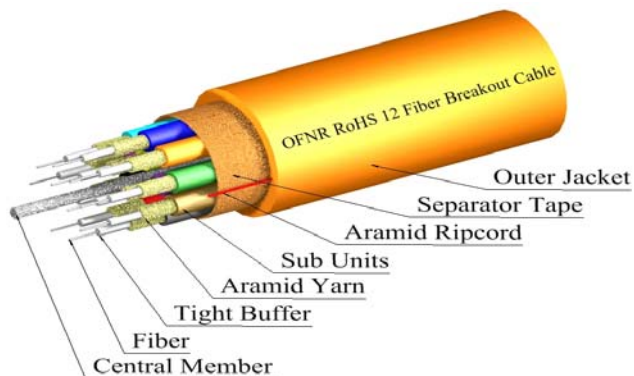
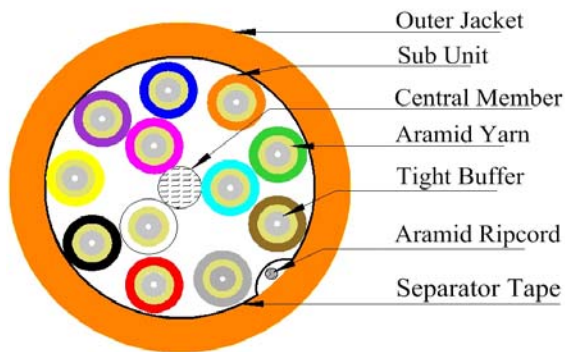


# 12 Fiber Infinicor 600 Breakout Cable, Riser

**Part Number  
M50BK12C6NRO20**



The Light Connection's 12 fiber Breakout Cable is composed of 12 sub-units, separator tape, an aramid ripcord, and a PVC outer jacket. Each sub-unit consists of a 900um tight buffer surrounded by aramid yarn with a PVC jacket 2mm in diameter. All component materials meet the EU RoHS and REACH Directive standards. Sub-units can be color-coded or sequentially numbered.

TLC Breakout Cable is available in 12 TIA standard colors or special-order colors. UL Listed OFNR cables are available, and unlisted, unrated cables can be supplied to accommodate special needs. Standard surface print denotes construction, NEC rating, and fiber type, and includes footage markers. Custom print can also be accommodated.



## Product Specifications

Storage Temp. (C°)  
-40 / +70

Operating Temp. (C°)  
-20 / +70

## Cable Characteristics

| TLC Part Number | Jacket Material | Fiber Count | Nominal Dimension | Weight lbs. / Km | Pull Load (N) Install / Operate | Bend Radius (cm) Install / Operate |
|-----------------|-----------------|-------------|-------------------|------------------|---------------------------------|------------------------------------|
| M50BK12C6NRO20  | PVC Orange      | 12          | 10.7 mm           | 145              | 10,656/8,525                    | 15.5 / 10.5                        |

## Optical Characteristics

| Fiber Type    | Core Size | Attenuation (MAX)  | Bandwidth (LED) 850 nm | Bandwidth (LED) 1300 nm | Link Lengths @ 850nm 1 GB/s |
|---------------|-----------|--------------------|------------------------|-------------------------|-----------------------------|
| Infinicor 600 | 50/125    | 3.50 dB/km @ 850nm | 510 MHz                | 500 MHz                 | 600 mtr                     |

For more information on the fiber characteristics, please consult with your TLC representative. You can also visit the TLC website at [www.thelightconnection.com](http://www.thelightconnection.com)



Address: 132 Base Road, Oriskany, NY 13424  
 Phone: 315 736-7384  
 Fax: 315 736-1927  
 Email: [info@thelightconnection.com](mailto:info@thelightconnection.com)  
 On the web: [www.thelightconnection.com](http://www.thelightconnection.com)

REV-3.0 Date- 11/10/09

Supersedes REV- 2.0 Date- 10/6/09