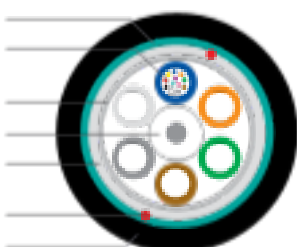


# Dri-Lite® Loose Tube Single Jacket Single Armor

Series 12D



Corrugated Steel Armor  
Optical Fiber in  
Gel-Free Buffer Tube  
Water-Blocking Tape  
Central Strength Member  
Dielectric Water-Blocking  
Strength Members  
Rip Cords  
UV Resistant MDPE Jacket



## Product Description

Loose tube cables are the product of choice as the backbone in Outside Plant (OSP) environments. The durable loose tube design offers reliable transmission performance over a broad temperature range. Optical fibers and water-blocking elements are placed inside gel-free buffer tubes. The core is constructed by stranding the buffer tubes around a central member using a reverse oscillating lay (ROL). The core is wrapped with flexible strength members covered with a water-blocking tape. A corrugated steel armor is applied and then encased with a black MDPE jacket. Rip cords are included under the armor for ease of entry.

## Applications

- Direct bury, underground duct and lashed aerial
- Trunk, distribution and feeder cable
- Local loop, metro, long-haul and broadband network

## Features

- Available with up to 288-fiber
- Multiple fiber types including hybrids
- Dry (SAP) core standard
- Standard tube size for all fiber counts
- Corrugated steel armor
- Gel-free tubes

## Benefits

- High fiber density
- Multiple network applications
- Reduces cable prep and installation time
- Reduces the number of tools required
- Improves compressive strength and rodent protection
- Speeds fiber access and cleanup

## Specifications

Fiber Count	Available in 12-fiber up to 288-
Standards Compliance	fiber Telcordia® GR-20-CORE RDUP PE-90 Designation MLT ICEA S-87-640-2011 RoHS-compliant

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## Environmental Specifications

Operation/Storage	-40°C to +70°C
Installation	-30°C to +70°C

## Part Number Key

1 2	3 4 5	6	7 8	9
P r	Fiber count (012-288)	Fiber type	InterWnataer lblo ck/ designator marking (1-8)	
o d				
u c t				

## Part Numbers and Physical Characteristics

Part Number <sup>1</sup>	Fiber Count	Nominal Diameter in (mm)	Approx. Weight lbs/kft (kg/km)	Maximum Tensile Loading		Minimum Bend Radius	
				Install Long Term lbs (N)	Long Term lbs (N)	Install Long Term in (mm)	Long Term in (mm)
12012xD0y	12 6	0.46 (11.7)	84 (125)	600 (2,700)	200 (890)	9.2 (234)	4.6 (117)
12024xD0y	24 28	0.46 (11.7)	84 (125)	600 (2,700)	200 (890)	9.2 (234)	4.6 (117)
12036xD0y	36 8	0.46 (11.7)	84 (125)	600 (2,700)	200 (890)	9.2 (234)	4.6 (117)
12048xD0y	48	0.46 (11.7)	84 (125)	600 (2,700)	200 (890)	9.2 (234)	4.6 (117)
12072xD0y	72	0.49 (12.3)	100 (149)	600 (2,700)	200 (890)	9.8 (246)	4.9 (123)
12096xD0y	96	0.56 (14.3)	125 (186)	600 (2,700)	200 (890)	11.2 (286)	5.6 (143)
12144xD0y	14	0.69 (17.6)	182 (271)	600 (2,700)	200 (890)	13.8 (352)	6.9 (176)
12216xD0y	4	0.69 (17.6)	177 (264)	600 (2,700)	200 (890)	13.8 (352)	6.9 (176)
12288xD0y	21	0.80 (20.3)	228 (340)	600 (2,700)	200 (890)	16.0 (406)	8.0 (203)

## Fiber types:

### Single Mode

Reduced Zero TeraFlex® Bend Resistant  
Water Peak Water Peak G.657-A1G.657-A2G.657-B3NZDS  
3 2 K J L 8

### Hybrid

LEAF  
S

Hybrid  
H

### Multimode

TeraGain® TeraFlex Bend Resistant Laser Optimized  
50/125 62.5/125 10G/150 10G/300 10G/550

6 M N P

<sup>1</sup>Replace "x" with:

See "Optical Fiber Specifications" in the "Technical Information" section for detailed fiber type specifications.

## Water block and jacket print codes

Dry core Dry core special  
Feet Meters Feet Meters

<sup>1</sup>Replace "y" with: 1 2 5 6

