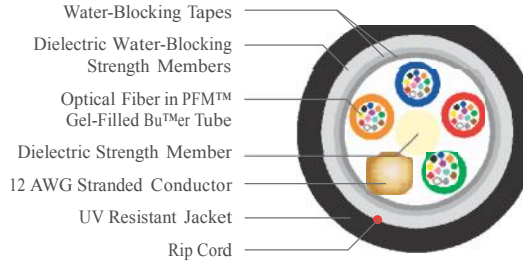


Loose Tube 12 AWG Composite

Series 1N



Product Description

Loose Tube 12 AWG Composite Cable is a stranded, single jacket, non-armored, gel-filled loose tube cable containing a 12 AWG stranded conductor, which provides long distance tone for location. A rip cord is included under the jacket to provide ease of entry.

Applications

- Underground duct and lashed aerial
- Broadband network

Features

- Available with up to 48-fiber
- Multiple fiber types
- PFM™ gel
- Dry (SAP) core standard
- Multiple fiber vendors
- 12 AWG stranded conductor

Benefits

- High fiber density
- Multiple network applications
- Non-sticky gel speeds fiber access and clean-up
- Reduces cable prep and installation time
- Meets customer preferences
- Meets 10 Ohms/mile standard

Specifications

Fiber Count	Available in 12-fiber up to 48-fiber
Standards Compliance	Telecordia GR-20-CORE RoHS-compliant

Environmental Specifications

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

Part Numbers and Physical Characteristics

Part Number ¹	Fiber Count	Nominal Diameter in (mm)	Approx. Weight lbs/kft (kg/km)	Maximum Tensile Loading		Minimum Bend Radius	
				Install lbs (N)	Long Term lbs (N)	Install in (mm)	Long Term in (mm)
11N012xx01	12	0.41 (10.3)	76 (113)	600 (2,700)	200 (890)	8.2 (206)	4.1 (103)
11N024xx01	24	0.41 (10.3)	76 (113)	600 (2,700)	200 (890)	8.2 (206)	4.1 (103)
11N036xx01	36	0.41 (10.3)	76 (113)	600 (2,700)	200 (890)	8.2 (206)	4.1 (103)
11N048xx01	48	0.41 (10.3)	76 (113)	600 (2,700)	200 (890)	8.2 (206)	4.1 (103)

Part Number Key

1	N	-	-	-	x	x	0	-
1	2	3	4	5	6	7	8	9
Product family	Fiber count (012-048)	Fiber type	Internal designator	Water block/marking (1-8)				

Contact Customer Service for availability of non-standard offerings.
See "Optical Fiber Cable" options in the "Technical Information" section for flooding and jacket marking options.

Single Mode Optical Fiber Types

	Conventional	Reduced Water Peak	Zero Water Peak	TeraFlex® Bend Resistant			
				G.657.A1	G.657.A2	G.657.B3	NZDS
¹ For ≤ 36 fibers replace "xx" with:	9T	3T	2T	KT	JT	LT	8T
¹ For > 36 fibers replace "xx" with:	91	31	21	K1	J1	L1	81

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

Multimode Optical Fiber Types

	TeraGain® 62.5/125	TeraGain Laser Optimized 50/125		
		10G/150	10G/300	10G/550
¹ Replace "xx" with:	6G	AG	BG	FG