

## PRODUCT DESCRIPTION

Loose tube cables are the product of choice as the backbone in Outside Plant (OSP) applications. Single Loose tube cables offer a low cost alternative to traditional stranded loose tube cables. Armored cables are designed for improved mechanical and rodent protection in direct bury applications. The loose tube design offers reliable transmission performance over a broad temperature range. The durable single loose tube design features optical fibers placed inside a single PFM™ gel-filled tube. The core tube includes up to 8-fiber bundles, each containing up to 12 optical fibers bound with a color coded binder. The core is wrapped with flexible strength members and covered with a water-blocking tape. A corrugated steel armor is applied and then encased with a black jacket. Rip cords are included under the armor for ease of access to the core tube.

## APPLICATIONS

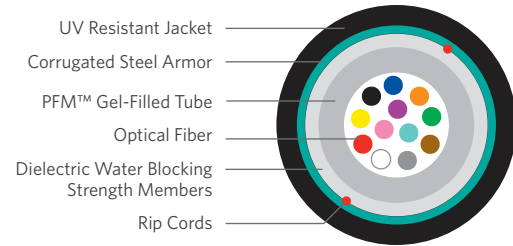
- Direct bury
- Trunk, distribution and feeder cable
- Local loop, metro, long-haul and broadband network

## FEATURES

- Available with up to 96-fiber
- Multiple fiber types
- Dry (SAP) core standard
- Highly flexible
- Fewer cable components
- Corrugated Armor
- PFM gel

## BENEFITS

- High fiber density
- Multiple network applications
- Reduces cable prep and installation time
- Easy handling
- Reduces cost
- Improves compressive strength and rodent protection
- Non-sticky gel speeds fiber access and clean-up



## SPECIFICATIONS

<b>Fiber Count</b>	Available in 6-fiber up to 96-fiber
<b>Standards Compliance</b>	Telcordia® GR-20-CORE RDUP PE-90 Designation SLT ICEA S-87-640-2011 RoHS-compliant

Telcordia is a registered trademark of Ericsson Inc.

## ENVIRONMENTAL SPECIFICATIONS

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

## PART NUMBER KEY

5	2	-	-	-	x	x	0	y
1	2	3	4	5	6	7	8	9
Product family	Fiber count (006-096)				Fiber type	Internal designator	Water block/ marking (1-8)	

Contact Customer Service for availability of non-standard offerings.

## 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 lbs (N)	Long Term lbs (N)	Install in (mm)	Long Term in (mm)
52002xx0y	2	0.36 (9.1)	62 (92)	600 (2,700)	200 (890)	7.2 (183)	3.6 (91)
52004xx0y	4	0.36 (9.1)	62 (92)	600 (2,700)	200 (890)	7.2 (183)	3.6 (91)
52006xx0y	6	0.36 (9.1)	62 (92)	600 (2,700)	200 (890)	7.2 (183)	3.6 (91)
52012xx0y	12	0.36 (9.1)	62 (92)	600 (2,700)	200 (890)	7.2 (183)	3.6 (91)
52024xx0y	24	0.44 (11.0)	83 (124)	600 (2,700)	200 (890)	8.8 (224)	4.4 (112)
52036xx0y	36	0.44 (11.0)	83 (124)	600 (2,700)	200 (890)	8.8 (224)	4.4 (112)
52048xx0y	48	0.44 (11.0)	83 (124)	600 (2,700)	200 (890)	8.8 (224)	4.4 (112)
52072xx0y	72	0.50 (12.8)	111 (165)	600 (2,700)	200 (890)	10.0 (254)	5.0 (127)
52096xx0y	96	0.50 (12.8)	111 (165)	600 (2,700)	200 (890)	10.0 (254)	5.0 (127)

## FIBER TYPES:

### SINGLE MODE

Reduced Water Peak	Zero Water Peak	TeraFlex® Bend Resistant					
		G.657.A1	G.657.A2	G.657.B3	NZDS	LEAF	
<sup>1</sup> Replace "xx" with:	31	21	K1	J1	L1	81	S1

### MULTIMODE

TeraGain®	TeraFlex Bend Resistant Laser Optimized 50/125		
62.5/125	10G/150	10G/300	10G/550
6G	MG	NG	PG

See "Optical Fiber Specifications" in the "Technical Info" 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

CONTACT US



1841 Industrial Ave  
San Angelo, TX 76904  
(325) 262-4031

www.unitedtelsupply.com

