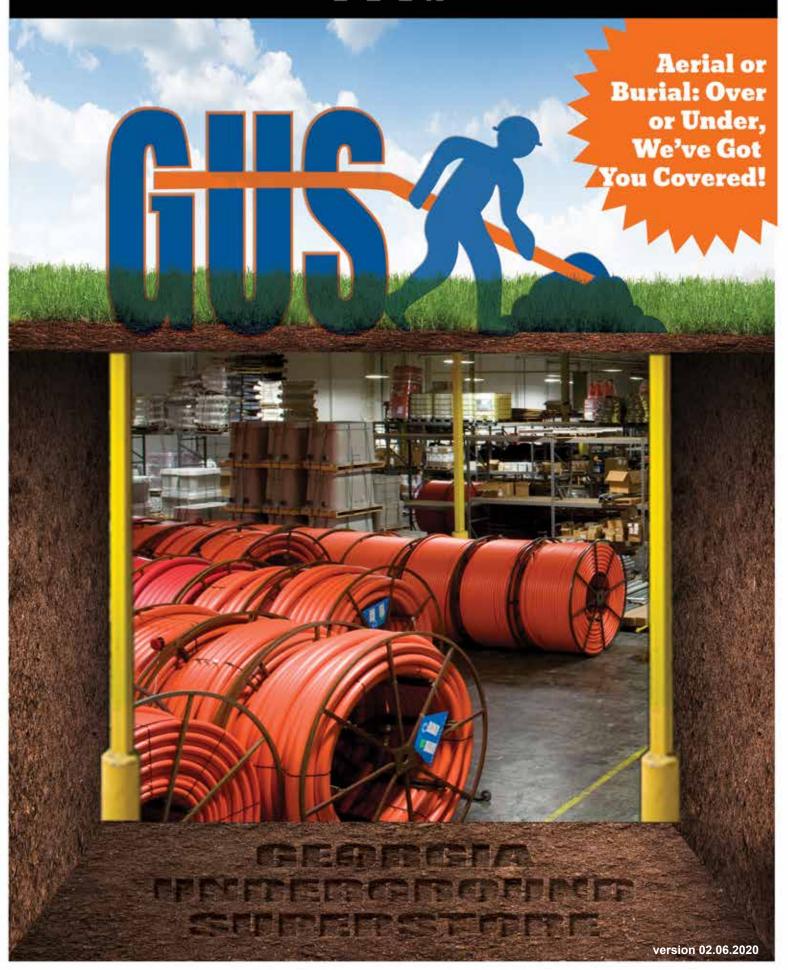
FTTx





Georgia Underground Superstore has built a unique business around the special needs of utility contractors like you. We are committed to maintaining a unique product mix so we can be your "one-stop shop" for both your equipment and supply needs.

We look forward to earning your business by:

- Stocking the products we carry so they are available when you need them
- · Offering quality products from leading manufacturers
- Repairing and servicing the products we sell
- Shipping your orders quickly—anywhere in the United States and beyond
- Maintaining a knowledgeable staff that understands the utility construction business

Our 31,000 sq. ft.
Dallas, TX
warehouse allows us
to reach and serve our
national clientele.

The GUS
Superstores
feature large
show rooms.
They're still
growing!

The GUS
Superstore Staff
knows the business
and can show you
the latest products
available.

Our
61,000 sq. ft.
Atlanta warehouse
stocks the product
you need. A complete
shop facility is
designed to meet
your service and
repair needs.

Safety Products

Fiber Optic Cable
HDPE
Microcable
FuturePath
HDPE Couplings
HDPE Duct Plugs
Handholes
Pedestals
PVC Conduit
PVC Duct Banks
Fiberglass Duct
Bridge Hangers19
Steel Conduit
Trenchless Raceway
Multi-Cell Conduit
MaxCell Conduit
Fiber Optic Closures
Measure/ Pull Tape
Marken Danta

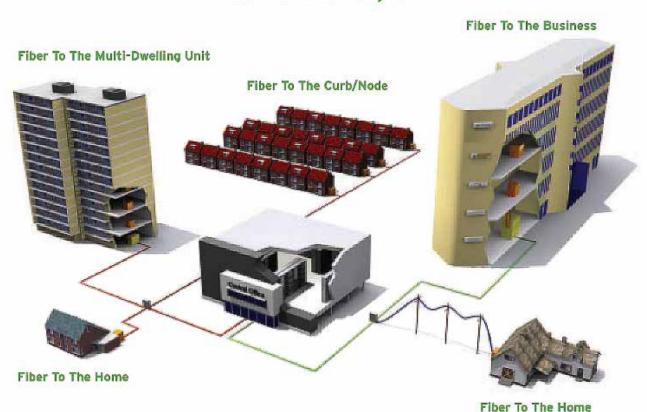
Fiber Optic Cable

Complete family of Indoor-Outdoor Fiber Cabling

Singlemode/ Multimode Microcable ADSS
Specialty Fiber Loose Tube Drop Cable

and More

Fiber To The People



Typical 48 Armored Cable

Applications: Blown Installation, CATV and DataCom, Direct Burial Campus Backbone, General Purpose Armored Outdoor, Long Distance OSP, Outdoor Plant Duct Installation, Rugged Environments

General Construction: This gel free cable contains SM G652D color-coded optical fibers in 4 color-coded loose tubes. The tubes include swellable fiberglass strength yarns to prevent the ingress of water. Corrugated steel armor is longitudinally applied over the yarns which reinforce the cable core.

Tube Diameter: 2.5mm nom **Armoring:** Corrugated Steel **Outer Jacket Material:** HDPE **Outer Diameter:** 12.5mm nom

Outer Jacket Color: Black Weight: 136kg/km

Applicable Standards: IEC 60794, IEC 60794-21/22, ISO/IEC 11801-1,

TIA/EIA-568 UV Resistance: 1

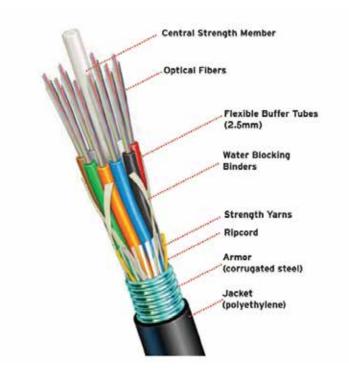
Common, In-Stock Cable

ezSTRIP/ Loose Tube/ DRC

Applications: Aerial – Lashed, Duct, Direct Buried Dielectric, and Armored Fiber Counts (in-stock): 12, 24, 48, 72, 96

Available up to 432 count

- Ripcord speeds cable entry and jacket removal
- Flexible buffer tube simplifies routing and splicing
- DRC gel free



ezDROP/ Flat

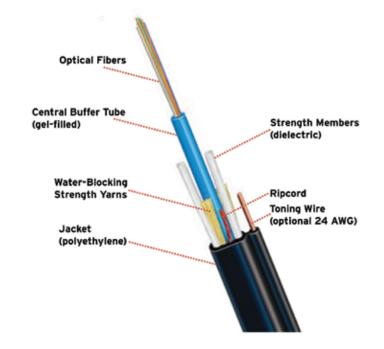
(Dielectric and Toneable Flat Drop Cable)

Applications: Aerial Self-Support,

Direct Bury or Duct

Fiber Count (in stock): 2 Available up to 12 count

- Dielectric
- Ripcord speeds cable entry and jacket removal
- Toning wire enables underground location
- Bend-tolerant singlemode BendBright



Note: There are numerous products and choices available in Fiber-Optic Cable. If there is something you need, please give GUS a call!

HDPE

High-Density Polyethylene (HDPE) Duct

- Smooth Wall
- Ribbed Wall
- Corrugated
- Toneable
- Cable-in-Conduit (CIC)
- Microduct
- FuturePath



We SPECIALIZE in custom jobs!

- Multiple duct runs
- Multiple sizes and colors
- Various wall thicknesses
- Custom print lines
- Multiple measure tape options
- Etc

DOT APPROVED!



HUGE Inventory Levels!



Very Competitive Pricing!

HDPE

SIZE	SDR	COLOR	REEL LENGTH	TAPE
3/4"	13.5	Orange	500' - Coil	w/ tape
1"	13.5	Orange	2000' - 66" Reel	w/ tape
1"	13.5	Orange	7000' - 82" Reel	w/ tape
1 1/4"	13.5	Orange	2000' - 66" Reel	w/ tape
1 1/4"	13.5	Orange	5000' - 82" Reel	w/ tape
1 1/4"	13.5	3 Way: Orange Blue Black	2550' per Color Parallel Wrap 7650' Total 102" Reel	w/ tape
1 1/4"	11	3 Way: Orange Green Blue	2500' per Color 7500' Total 96" Reel	w/ tape
1 1/2"	13.5	Orange	2000' - 66" Reel	w/ tape
1 1/2"	13.5	Orange	4000' - 82" Reel	w/ tape
2"	13.5	Orange	1000' - 66" Reel	w/ tape
2"	13.5	Orange	3000' - 96" Reel	w/ tape
2"	13.5	Red	3000' - 96" Reel	w/ tape
2"	11	Grey	3000' - 96" Reel	empty
2 1/2"	13.5	Orange	1500' - 90" Reel	w/ tape
2 1/2"	13.5	Red	1500' - 90" Reel	w/ tape
3"	13.5	Orange	1000' - 96" Reel	w/ tape
3"	13.5	Red	1000' - 96" Reel	w/ tape
3"	11	Grey	1000' - 96" Reel	empty
4"	13.5	Orange	550' - 96" Reel	empty
4"	13.5	Orange	766' - 96" Reel	empt
4"	13.5	Red	550' - 96" Reel	w/ tape
4"	11	Grey	766' - 96" Reel	empty
6"	13.5	Black	450' - 120" Reel	empty
6"	13.5	Red	450' - 120" Reel	empty







Microduct

Why install expensive, extra fiber that might never be used?

Easily expand your fiber network as your need arises!

Maximize your utilization of new or existing duct!

Lowers overall installation and cable costs!

- Different sizes for different applications
- Various colors
- Flexible, lightweight
- Easy to install
- Designed for duct sizes 3/4" 2"
- Available in a locatable version



Microduct Accessories

We have everything you need:

- Couplers
- Plugs
- Pulling harness
- Duct cutters
- Etc.

Note: Accessories work on both the MicroDuct and FuturePath



FuturePath The Future of Micro Technology is here today!

MicroDucts, packaged together in an oversheath configuration. It can be used in aerial conditions, existing conduit or buried applications.

It's Versatile! It's Efficient! It's the Future!

Multiple configurations available: 7-way, 5-way, 4-way, 3-way or 2-way

Install with traditional methods:

- Plowed, open trench, directional drilled
- Aerial lashed
- Existing duct traditional pulling or blowing methods

Available with superslick permanent lining Empty or with preinstalled pull line No special tools Sequential markings Available on steel reels



Can be used in warehouses and apartments!

Save up-front costs by installing lower fiber count cable. Easily install additional fiber cable on an "as-needed" basis. Also, by installing on the fibers you need today, you have the flexibility to utilize the latest in fiber technology as it becomes available tomorrow!

The world's needs are constantly changing. Prepare yourself today to easily adjust to whatever the future might bring!

HDPE Couplings

Reverse Thread - Aluminum

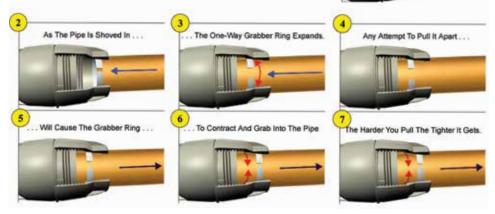
The right hand/left hand reverse thread aluminum couplings are our most economical and versatile coupling. The couplings work equally well for smooth wall, corrugated, or ribbed type innerduct, and are made in all sizes of SDR and SIDR rated innerducts from 3/4" to 6". Thread-on couplings can be installed by hand.

Part #	Nominal Duct	Duct OD
AS.840	1/2"	.840
AS1.050	3/4"	1.050
AS1.315	1"	1.315
AS1.660	11⁄4"	1.660
AS1.900	1½"	1.900
AS2.375	2"	2.375
AS2.875	2½"	2.875
AS3.500	3"	3.500
AS4.500	4"	4.500
AS5.562	5"	5.562
AS6.625	6"	6.625



Comfit (Push-On)

- · Fast, Easy Air-tight installation
- Excellent for blowing and pulling cable installation methods
- Approved by numerous duct and cable companies
- Available for 1", 11/4", 11/2", 2" HDPE



Coupling Press

Hydraulic

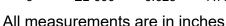
Available Dies: 1", 1 1/4", 1 1/2", 2"



E-Loc Couplings

- · Low-cost, easy to install
- Corrosion-resistant PVC/rubber design
- Can be used to join dissimilar conduit, duct and pipe
- UV-resistant for above-ground applications
- Transitions available for differing O.D. sizes

Duct Size	Part No.	Duct O.D.	Cplg. O.D.	Length
1"	EL-131	1.316	2.375	6
11/4"	EL-166	1.660	2.375	6
1½"	EL-190	1.900	2.875	6
2"	EL-237	2.375	3.500	6
21/2"	EL-287	2.875	4.000	6
3"	EL-350	3.500	4.500	6
4"	EL-400	4.500	5.563	6
4"	EL-400-14	4.500	5.563	14
6"	EL-600	6.625	7.700	6





Compression Couplings

A low cost, reliable, and a fast time saving method of installation. Each of the barbed rings functions as a separate full circumference seal providing double protection against air passing through the connection. Requires a coupling press.

Part	Nominal	Duct
No.	Duct	O.D.
AB1.315	1"	1.315
AB1.660	11/4"	1.660
AB1.900	1½"	1.900
AB2.375	2"	2.375



HDPE Split Couplings

Aluminum Split Couplings

Reusable!

Good for temporary joining of all types of innerduct Also used on repairs HDPE sizes — 1", 11/4", 11/2", 2"



Morris Couplings

Designed for permanent installation

Join either plain end, threaded, grooved or any combination Made from heavy-gauge plated steel Each has a rubber gasket

1/2" - 48" pipe sizes



HDPE Duct Plugs

Blank Duct Plugs

Removable and reusable!

"High-impact" plastics with durable gaskets Corrosion proof

"T' G" '

"Tie-off" eye on back of plug

Water-tight

In-stock sizes: 1", 11/4", 11/2", 2", 21/2", 3", 4", 5", 6"



Available in 11 Sizes

Tapered and ribbed slide walls ensure tight seal

Extended base lip for easy removal

"Tie-off" eye on back of plug

Maintains shape in extreme environments

In-stock sizes: 2", 3", 4", 5", 6"



Split plugs with bushing assemblies
Removable and reusable
Easy installation (no foam or chemicals)
Ideal for manholes, buildings and cabinets

Extensive amount of options to meet different applications

Please call for individual sizing







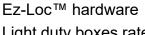


Handholes

Pencell

Made from High Density Polyethylene (HDPE)

- Lightweight!
- Strong!
- Durable!
- Economical!
- Easy to handle and install!



Light duty boxes rated for pedestrian traffic only Medium duty boxes rated for non-vehicular traffic only Lids with EMS markers also available Standard or custom logos available

In-Stock sizes:

Light Duty:

17" x 30" x 24" w/Green HDPE T-cover, Ezlock hardware 24" x 36" x 24" w/Green HDPE T-cover, Ezlock hardware Note: Not recommended for installation in concrete or asphalt

Medium Duty:

17" x 30" x 24" w/polymer concrete cover, Ezlock hardware 24" x 36" x 24" w/polymer concrete cover, Ezlock hardware





24" x 36" x 24" Medium Duty

Handholes

Hubbell/ Quazite

Made from a special combination of polymer concrete and fiber reinforced polyester!

Lightweight! (1/3 to 1/10th the weight of concrete)

Strong! (3 to 4 times stronger than concrete)

Durable! (won't crack under pressure or temperature changes)

Available in "Flared" or "Straight" wall
Available with 10K, 20K, or 40K lids
Stainless steel hardware
Standard or custom logos available
Lids are available with embedded EMS markers



Straight wall

Hundreds in Stock!

In Stock Sizes:

17" x 30" x 24" w/20 k lid (blank logo) - Flared Wall 24" x 36" x 18" w/20 k lid (blank logo) - Straight Wall 24" x 36" x 24" w/20 k lid (blank logo) - Straight Wall 30" x 48" x 18" w/20 k lid (blank logo) - Straight Wall 30" x 48" x 18" w/20 k lid (blank logo) - Flared Wall 30" x 48" x 24" w/20 k lid (blank logo) - Straight Wall 30" x 48" x 36" w/20 k lid (blank logo) - Straight Wall 30" x 48" x 36" w/20 k lid (AT&T logo) - Flared Wall

(AT&T boxes - 2 piece lid, w/EMS marker, racking & 4 terminators)



Flared wall

DOT Approved Handholes

AII SIZES IN STOCK:

Handholes:

Type I (12" x 12" x 12"), w/20k lid — "Traffic Signal" logo Type II (13" x 24" x 12"), w/20k lid — "Traffic Signal" logo Type III (17" x 30" x 12"), w/20k lid — "Traffic Signal" logo

Type IV (24" x 36" x 36"), w/20k lid — "GA DOT" logo

(Double stack 2 — 18" boxes, with racking)

Type V (30" x 48" x 36"), w/20k lid — "GDOT COMM" logo

(Double stack 2 — 18" boxes, w/racking)

Type VI (24" x 36" x 36"), w/20k lid — "GA DOT" logo, Flared wall

Type VII (30" x 48" x 36"), w/20k lid — "GA DOT" logo, Flared wall



Type III

Signal Bases:

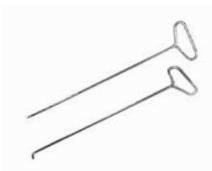
Type IV (24" x 36" x 18") 332A Controller base w/battery backup (40" x 44" x 24")

Signal Work Pad:

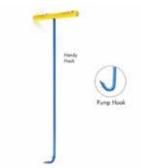
24" x 36"



Handhole Hooks and Lid Lifters



Quazite Handhole Cover Hook QZ 82908 27"



Steel Handy Hook with Pump Hook T-HL42P 3/8"x42"



CX08023012 with <u>or</u> without socket. 7/8" hex and 7/8" penta socket.

Handhole Hook

Pedestals

Charles

BDO Series

- Non-metallic PVC construction (won't rust, corrode, chip or fade)
- Splice tray "holster" accommodates all commonly used fiber splice trays
- Two splice bracket options
- Two-piece, expanded-capacity "split" base
- · Ideal for rehabilitating metallic enclosures
- Lift-off dome provides 360° access to internal area
- Dome attaches securely using self-locking hex head bolt lock
- RDUP listed



	Pa	rt Number	BDO 3-EG	BDO 4-EG	BDO 5-EG	BDO 6-EG
	Diameter		6"	8"	10"	12"
	Drop Quantity		8	8	12	24
Splitters (Tray)		1x4	1x4 <u>or</u> 1x8	1x4, 1x8, <u>or</u> 1x16	1x4, 1x8, <u>or</u> 1x16	
12		r Ribbon Storage ning 12ft <u>+</u> 2ft)	24 Ribbons	36 Ribbons	48 Ribbons	48 Ribbons
	Loose Tube Storage (Opening 12ft ± 2ft)		6 Tubes	8 Tubes	24 Tubes	32 Tubes
	Splice Tray Capacity		3 (4"x12")	5 (4"x12") <u>or</u> 3 (6"x15")	7 (4"x12") <u>or</u> 6 (6"x15")	9 (4"x12") <u>or</u> 8 (6"x15")
		12 Fibers per Tray	36	60	84	108
Maxir	Maximum Splice Capacity*	24 Fibers per Tray	72	120	168	216
•		48 Fibers per Tray	N/A	144	288	384
Сара	icity	144 FOSC A/B Fiber Ribbon Tray**	144	288	432	576



PVC Cement 1 Quart Containers D-CEMENT



PVC Primer – Clear 1 Quart Container D-R911Q

PVC Conduit

- Schedule 40 & 80
 UL Listed
 ETL Listed
 RUS accepted
- Schedule 40, Deep Socket (Utility)
- EB (Encased Bury)
- DB (Direct Bury)
- Telephone Duct Type B, C, & D
- Elbows / Sweeps
- Couplers
- Adaptors



In-Stock Sizes:

- 2" Schedule 40
- 4" Schedule 40
- 4" Type C

PVC Duct Banks

- Proven design
- Resistant to extreme temperature fluctuations
- · High-impact polymers
- 16 sizes / 18 pre-assembled configurations
- · Snap-loc design for fast field assembly
- Duct size 2" 6"
- Duct separation 1½" 3"
- No banding requirad



Holds & Secures
Succesive Duct Tiers
Heavy Duty
Strut Evenly
Distributes Load

Snap-Loc System



Abundant Through-Holes for Maximum Fit Flow

Easy-Slide Side Locks for Efficient Horizontal Construction





Fiberglass Duct

Best corrosion protection of any conduit material!

- · Nonmetallic. Will not rust or corrode
- Fire resistant and non-toxic
- Non-conductive, assuring a safe system
- Thermal expansion rate is similar to RMC (Rigid Metalllic Conduit)
- Low coefficient of friction. Smooth inner wall results in longer cable pulls with no burn-through
- A much more economical installation compared to PVC coated steel and RMC
- Light weight. A 19.68 ft. (6 m) section of 4" (102 mm) conduit weighs less than 15 lbs. (7 kg.)
- Available in ¾" (19 mm) through 8" (203 mm) diameters
- Complete line of elbows, fittings and conduit bodies
- Chemical Inertness. Impervious to a wide spectrum of chemicals and fuels
- Contains no chlorine, halogen or other toxic materials
- Temperature range from -40°F to +230°F (-40°C to +110°C)



- · Small caliber, low velocity, projectile resistance
- Highest strength to weight ratio of any conduit system
- Superior load bearing
- Lightweight. A 19.68 ft. (6 m) section of 4" (102 mm) conduit weighs less than 45 lbs. (20 kg.)
- Fewer expensive hangers supports and inserts on bridge installations (high flexural strength)
- Superior UV and weathering characteristics
- Bell and spigot joint for fast, easy installation
- DOT approved!









Fiberglass Adhesive Kit

40-0161 Epoxy kit20-0164 Dual cartridge20-0165 Dual cartridge applicator

Bridge Hangers

Conduit Support Systems

- · Custom design and engineering
- Hangers for all types of conduit Fiberglass
 PVC
 Steel / Galvanized
- Rapid turnaround
- All styles of hangers for any circumstances
- · Hanger systems meet DOT specifications





Split-Steel Conduit

(2-piece, flanged trough, bolted together)

Ideal for:

- Temporary or emergency repairs
- Bridge crossings
- Utility entrances
- Pole risers
- Anywhere cabling needs would require future access

14 gauge galvanized steel

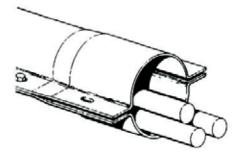
10' lengths

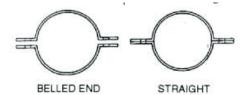
Belled on one end

Installs fast, saves time and labor costs

Elbows available

Numerous sizes: 1½" - 6" (We stock 4")



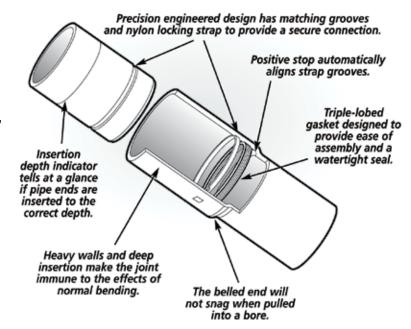


Trenchless Raceway

Bore-Gard

Designed and Proven for Directional Drilling Applications!

- Locking ring strong enough for 1,000' bores
- · Lightweight and easy to handle
- Corrosion resistant
- Fits standard PVC fittings
- Fast, easy assembly
- · No solvent-cements required
- Water-tight seal
- RUS accepted
- UL listed
- Sizes: Schedule 40 3", 4", 5" & 6" Schedule 80 — 3" & 4"
- 10' & 20' length
- Also available with Multi-Cell



"Eliminates costly problems with HDPE pipe, such as reel handling, fusion welding, uncoiling and wasted pipe, safety hazards and additional job site labor."



Locking ring enables fast, cement-free assembly.



Slide locking ring into the joint.



Fully assembled, the locking ring provides strong water-tight joints without cement.

Multi-Cell Conduit

- For underground or underbridge applications
- Various conduit types available:

PVC

Fiberglass

Steel

- 3 or 4 innerducts 4" conduit
 - 4 innerducts 4" conduit
 - 8 or 10 innerducts 4" conduit
 - 14 innerducts 4" conduit
- 20' lengths standard, 10' lengths available
- Sweeps, couplings, expansion joints, all the accessories available.
- DOT approved



Utilize up to 80% of available duct space Works with every known type of cable including:

- Fiber Optic
- Telephone
- Power Utility
- Premise (riser and plenum)
- Outside Plant
- Underground
- Reduce the number of conduits required for new network construction
- Minimize the need for additional conduit in overlay applications
- Enable incremental deployment to match system requirements
- Significantly reduce project costs
- Fit up to 3 times as many cables per conduit











- Easily install cable even in occupied conduit
- Available in standard, plenum and detectable versions
- Available in a range of configuration designed to meet conduit sizes
- Can be "pulled" or "blown" into conduit

Fiber Optic Closures

Tyco Electronics

FOSC — 450

Gel Seal Technology **Superior Fiber Management** No special tools, tapes or mastics Completely re-usable Available in five (5) sizes (A, BS, B, C, & D) Up to six round cable ports Compatible with most cable types Uncut fiber can be stored in optional basket Splice trays hinged for access to any splice

without disturbing other trays



Closure Size	A4	BS	B6	C6	D6
Dimensions in inches					
Diameter (including clamp)	8"	9"	10"	11.5"	11.5"
Length (without gel block trigger)	19"	19.5"	24"	23"	30"
	4	6	- 6	8	Q
Number of splice trays	4	6	6	8	8
	4 96	6 144	6 144	8 192	8 768
	•	*	-	_	-
Number of splice trays Single fiber	96	144	144	192	768

¹Indicated capacities refer to the maximum number of trays/splices that initially can be stored in a closure if no slack storage baskets are used.

A4: 2 small ports, each for cables .3 - .9 inches in diameter

2 large ports, each for cables .4 - 1.1 inches in diameter,

OR each for up to 4 round drop cables of .3 inches diameter or less;

OR each for up to 3 flat drop cables

BS, B6, C6, D6: 6 ports, each for cables .35 - 1.0 inches in diameter^a

²With the use of special kits, multiple cables per port can be installed. ³With ribbon tray ⁴Diameter range can be extended to 1.07 inches by trimming fingers on gel seal.

Measure/ Pull Tape

Lubricated for easy pulling and reduced friction Durably printed with sequential footage From 200 to 6,000 lbs in pulling strengths Available up to 100,000' lengths Low elongation

Lightweight and easily blown into conduit

Package on wooden or plastic reels

"Detectable" tape also available

Hundreds of Reels In-Stock!

In-Stock Sizes:

1,130 lb	Non-printed	3,000' reels
1,250 lb	Foot Markings	3,000' reels
1,250 lb	Foot Markings	5,000' reels
1,250 lb	Foot Markings	3,000' reels
	"Detectable"	
1,800 lb	Foot Markings	3,000' reels
1,800 lb	Foot Markings	5,000' reels
2,500 lb	Foot Markings	3,000' reels
2,500 lb	Foot Markings	5,000' reels





Detectable

Marker Posts

60% of all Service interuptions are caused by accidental rupture!

Dozens of choices in Style, Length, and Color Custom graphics / decals "Direct graphics" available Fast "turn around" on orders Competitively priced DOT approved

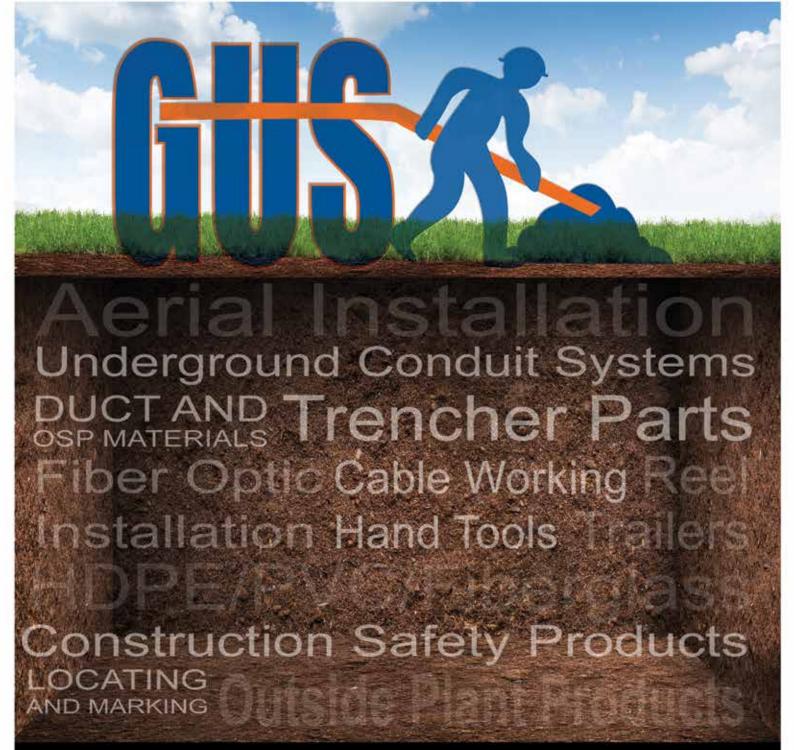








Our Most Popular Styles



WAREHOUSE LOCATIONS

5158-G Kennedy Road | Forest Park, GA 30297 | **404-675-7999**

1515 Monetary Lane | Carrollton, TX 75006 | Suite 200 | **469-248-1164**

124 N Jim Thorpe Blvd | Prague, OK 74864 | **405-349-6767**

1918 Gessner Drive | Unit 512 | Houston, TX 77080 | **713-299-2098** | Stocking Location Only

