

Fiber access terminals



technetix

Fiber access terminals provide robust, quick, and easy installation for indoor and outdoor FTTH deployments. The MST and FST series use SuperTap[®] connector systems to provide an environmental seal for use in rugged outside plant applications.

We offer hardened connectivity solutions compatible with industry standard drop cables and connector systems, providing long service life and maximum investment protection.

Mini Flexible Service Terminals (FST Series)

Technetix' mini flexible fiber access terminals provide a rapid, cost-effective method of deploying optical fiber in outside plant (OSP) distribution networks.

Compared to traditional field installations, the mini flexible fiber access terminals guarantee an easy, one-step connection system with the combined push-pull insertion and nut-style mechanical latch, and fast installation options. Assured performance with SuperTap® connectors - backward compatible with legacy-hardened connector systems - provides an environmental seal for use in rugged outside plant applications, and staggered length connector cables offer installation flexibility in tight or challenging scenarios.

A full series of SuperTap® feed and drop cables are available for use with the FST series.

Features:

- Available in 1:2, 1:4, 1:8 or 1:16-way splitter options
- Provides moisture and dust protection for use in harsh industrial environments
- IP68 protection, salt mist proof, humidity-proof, dustproof
- Compatible with legacy-hardened connector systems
- Input connector can either be a male or a female SuperTap® connector
- Up to 50% reduction in installation time per network access point
- Thorough testing to ensure quality performance assemblies
- Broad temperature range -40°C to +85°C (-40°F to +185°F) - ideal for indoor or outdoor applications
- Easy installation in moisture-prone areas (eg pedestals, vaults, congested pits)



Multiport Service Terminals (MST) series

Technetix' multiport splitter service access terminals incorporate hardened adapters and enable rapid tower and indoor/outdoor FTTH deployments. Terminals are available in different configurations similar to RF taps, and terminated or unterminated splitter type options. This supports distributed and cascaded optical networks; point-to-point junction box-styles to convert regular fiber systems to hardened connector systems; or 12-fiber strands via MPO connectors for indexing (add-/drop-style) configurations, an innovative method for optimizing optical link budgets to deploy FTTH systems.

IP68-rated to withstand the rigors of outdoor deployments in all environments, the terminals can be vault, pedestal, pole or strand-mounted. Aerial and wall mounting kits included, alternative mounting options available on request.

Features:

- Factory-terminated and environmentally sealed hardened connectors for optical drop cable deployments
- IP68 protection: humidity-, dust- and saltmist-proof
- Plug-and-play adapter ports ensure rapid cable installation
- Available in a variety of options: terminated, unterminated, point-to-point or MPO indexing
- Flexible choice of ports: 2, 4, 6, 8, 12 or 16
- Aerial, wall, pole or buried mounting configurations
- Option of factory-spliced feed cable in MST, or a female connector on MST for feed cable
- Compatible with industry-standard drop cables and connectors

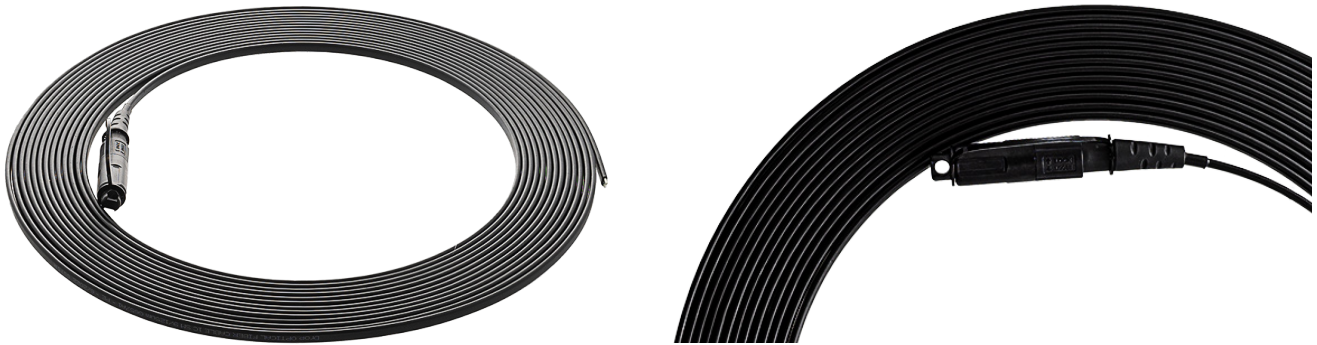


Feed and drop cable LB-FD and LB-MPO series

Technetix' ruggedized, pre-terminated outside plant (OSP) feed and drop cables provide easy FTTx installation and termination using legacy hardware and installation methods for drops to homes and businesses. Small, space-saving form factor designed for rapid connection to external flush-mounted bulkhead adapters on terminals or enclosures.



A pushable and pullable fiber feature designed to fit through 3/8" (9.52 mm) openings, and a snap-on design for the SC (drop side) housing removes the need for additional tools. This streamlined installation eliminates the hassle of splicing or creating unsightly holes when connecting to the Optical Network Terminal (ONT).



Features:

- Compatible with legacy-hardened connector systems
- Integral pulling eye/connector cap designed for 100 lb maximum pulling tension
- Variety of jacket types available (LSZH, HDPE, etc)
- Multiple options of cable for various scenarios: aerial, direct-buried or duct installation
- Available with one or both ends connectorized
- Armored fiber also available
- Universal adapters for pairing with other hardened connector systems
- Up to 50% reduction in installation time per network access point
- Thorough testing to ensure quality performance assemblies
- Broad temperature range -40°C to +85°C (-40°F to +185°F) - ideal for indoor or outdoor applications
- Easy installation in moisture-prone areas (eg pedestals, vaults, congested pits)

Technetix' feed cables are also available with up to 12 fiber cables pre-terminated with SuperTap® MPO connectors on both ends, or with regular 12 SC/APC cable assembly on one end. Feed and drop cables can be equipped with either male or female connector options.

Slack storing brackets and accessories available for excess cable storage during installation and deployment.

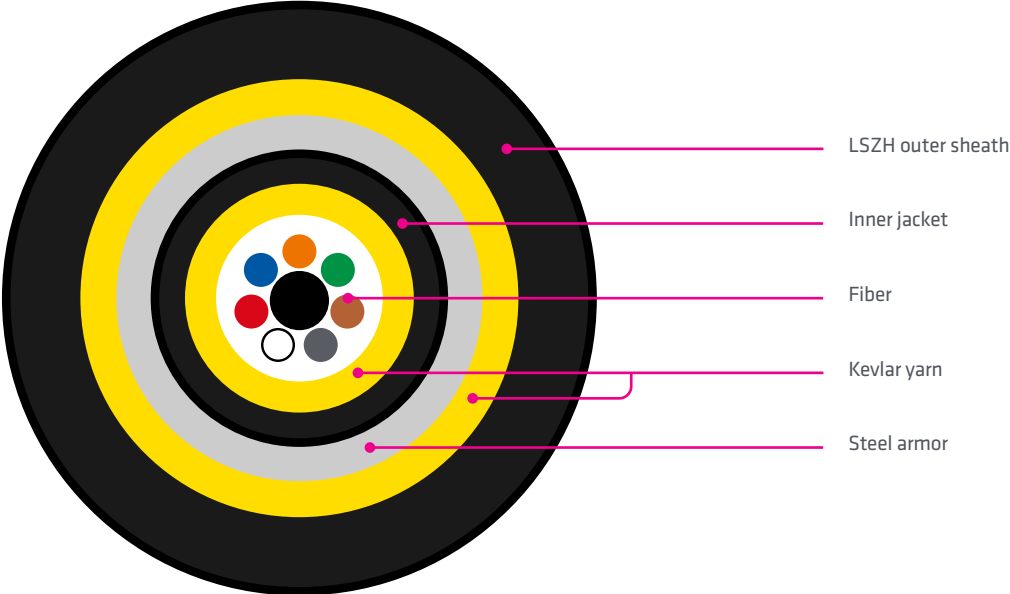


Fig. 1: Round armored feed and drop cable

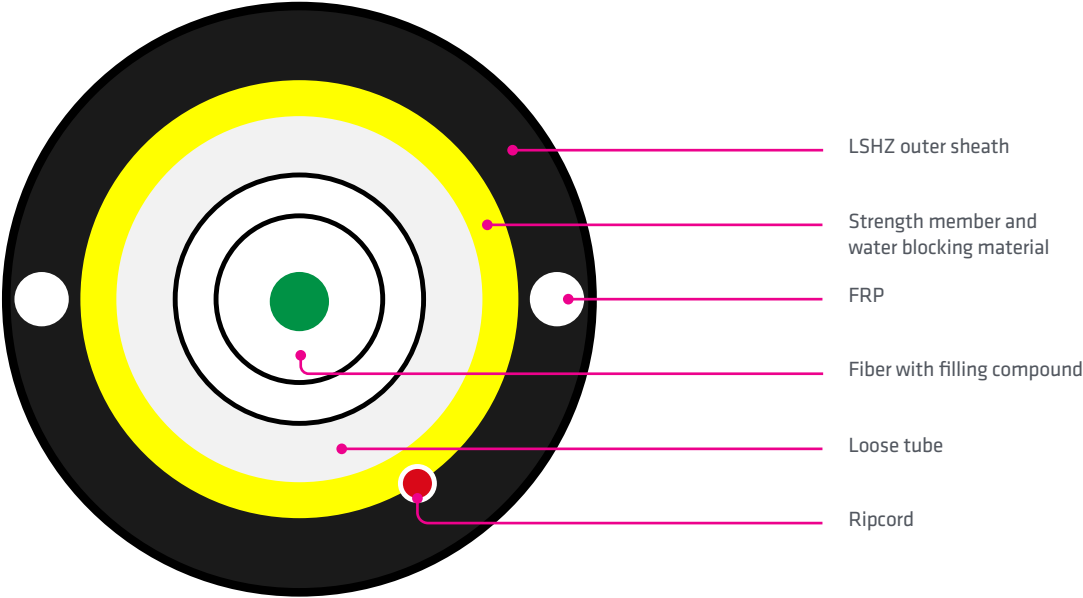


Fig. 2: Round feed and drop cable

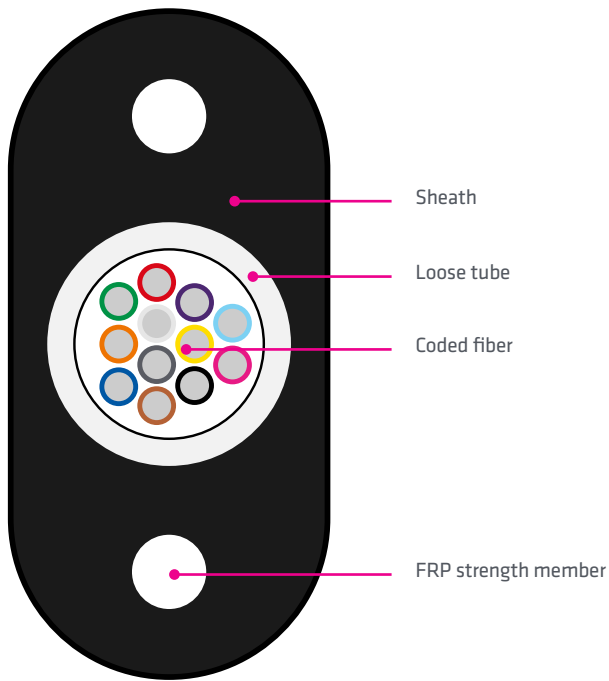


Fig. 3: Flat feed and drop cable

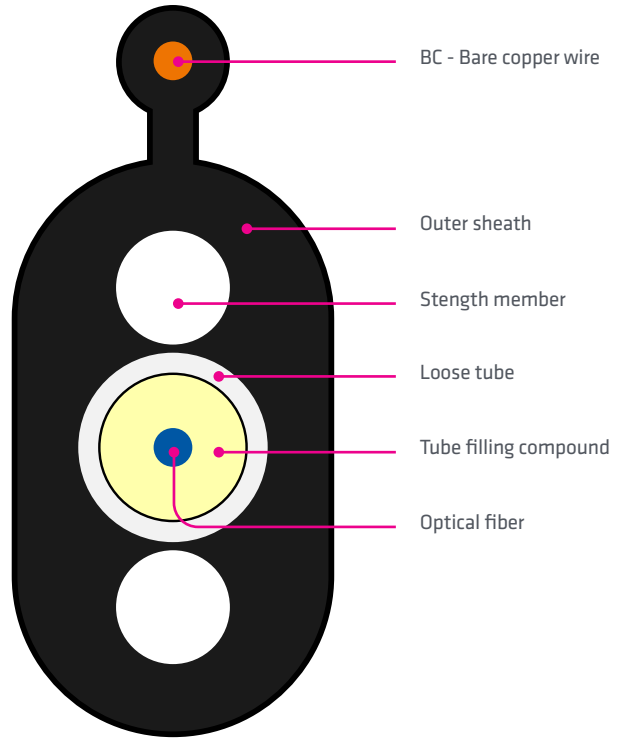


Fig. 4: Flat Toneable feed and drop cable

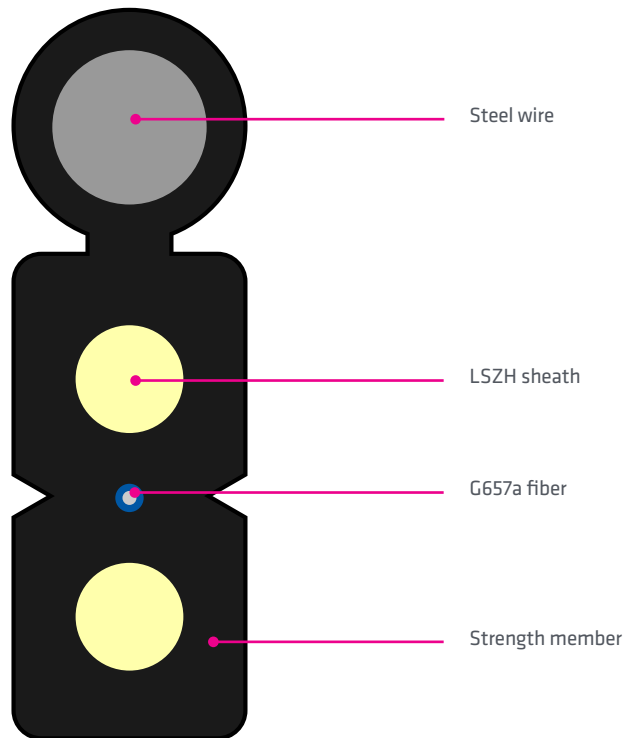


Fig. 5: LSZH Toneable feed and drop cable.
Available without conductor wire

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