

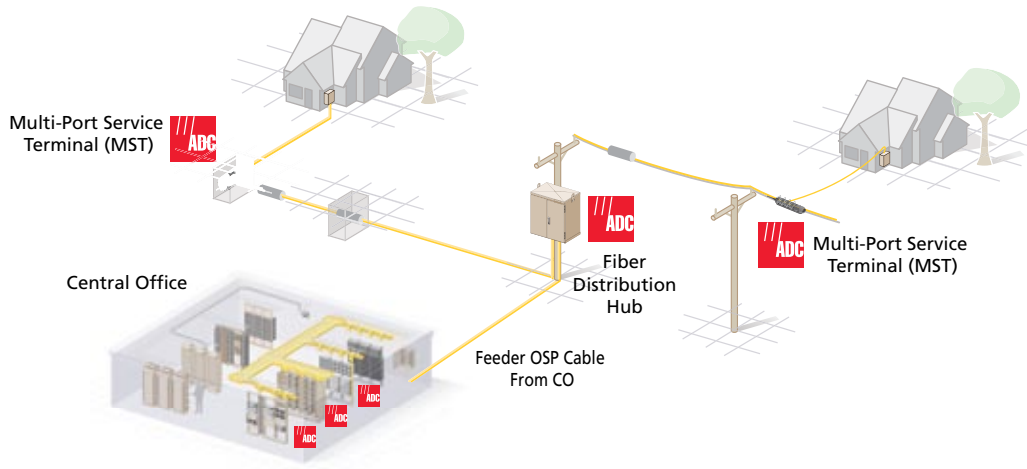


OmniReach® FTTX Solutions

Hardened Drop Cables

Application

Hardened Connectors are used to connect Multiport Service Terminals (MST) typically located at the street with Optical Network Terminals (ONTs) located at the premises. The hardened connector is connected to hardened adapters on the enclosure's external surface so that connections can be completed without opening the enclosure. The application facilitates rapid deployment of optical services by quickly and efficiently connecting hardened connectors to the terminal at the street and the ONT at the premises. Hardened connectors may be installed anywhere fiber terminals are installed including aerial and below grade applications.



SC Technology

The hardened connector is based on standard SC connector technology. The hardened connector contains an SC style inner connector as the basis for coupling inside the connector thus conforming to industry standards including GR-326 and FOCIS. The SC connector allows easy and secure connection while ensuring reliability and compatibility with a wide range of SC connectors and adapters currently on the market. This hardened connector is fully compatible with OptiTap® adapters that utilize the SC as the core of the adapter design.

Cable Types

ADC's Drop Cable assemblies are available with hardened connectors in several different cable configurations, including:

- Flat Dielectric Cable
- Flat Dielectric Cable with 24AWG Toneable Wire

All cables used with the hardened connector are tested to GR-20 and designed to GR-3120.

Size and Configuration

ADC's drop cable assemblies with hardened connectors are available in standard lengths from 75 to 2000 feet. Longer or shorter assemblies are available upon request. Cable assemblies are available with one or both ends connectorized. Single ended connectorized cables may sometimes be spliced at the premises.

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Features	Benefits
<ul style="list-style-type: none"> • Single-fiber, single-mode hardened connector SC APC drop cable assemblies • Available with one or both ends connectorized • Available standard lengths – from 75 to 2000 ft increments (longer assemblies available upon request) • Environmentally sealed connector • Easy connection to hardened adapters on terminals or closures • Arrow on hardened connector shell ensures precise alignment of connector into optical port. • Connector can be pulled through 1.25-inch conduit • Pulling eye on connector cap is designed for 100 lb. maximum pulling tension • Drop cable fully tested to GR-20 and designed to GR-3120 	<ul style="list-style-type: none"> • Provide the ultimate “Plug and Play” solution for durable and reliable service connection in the outside plant/drop segment of the network • Technician-friendly to greatly simplify installation and maintenance by minimizing splicing required on the distribution side of the network • Cost effective solutions that provide for lower overall installed costs throughout the FTTX network

Hardened Drop Cable Ordering Information

