

# Interconnect for Broadband applications

## Coaxial Cable

Amphenol offers a full line of hardline/semiflex and drop cables, as well as industry leading Semiflex Cable connectors, to meet the demanding requirements of HFC broadband infrastructures being developed by CATV MSOs and telephone companies worldwide.



## T10 Drop Cable

T10 Drop Cable is designed to reduce system operating costs, and can be used in a variety of applications in facilitating smooth system operation. Available in Single, Messengered, Siamese, Siamese Messengered, Trishield and Quadshield. Well-suited to a wide range of general purpose, indoor and outdoor applications, Pole-To-House, Pole-To-Pole, apartments and dual plant systems.

## T10 & TX10 Semiflex Cable

Low D.C. Loop Resistance of T10 and TX10 cable results in lower installation and annual power costs. Ideal for urban and coastal environments, feeder or underground applications, and resistant to extensive mechanical abuse and rodent attack. These cables have a specified 1 GHz bandwidth for rebuilds, upgrades, or new plants, and allows a system to handle future demand for more channels, higher definition television, and other emerging technologies.

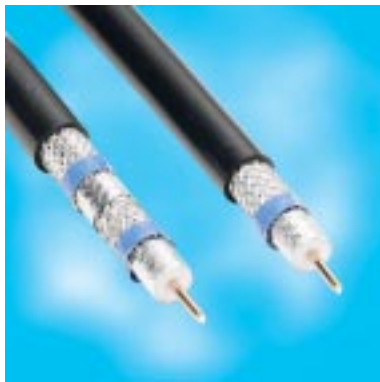


## Specialty Cable

Amphenol manufactures Special Applications Cable for various applications and system requirements. It incorporates our standard drop cable with one or more copper twisted pairs. Service for telephony and cable companies worldwide in TVRO applications, 950 MHz - 1450 MHz.

## TFC Headend Drop Cable

Headend Drop Cable is recommended for installation in headends, where cable may be subjected to tight bends and mechanical abuse.



## Fiber Management Systems

Amphenol's 948 series Wall Mount Distribution Panels provide a compact, convenient housing for splicing and patching single mode or multimode fiber optic cables. These are available in a variety of sizes to accommodate from 12 to 72 fibers. The panels are suitable for backbone cabling terminations in intermediate or horizontal cross connects in building entrances, telecommunications closets, and Local Area Network applications.

## Smart card systems

Amphenol Smart Card Connectors are designed to make a secure contact to all cards designed according to ISO 7816 standards, and thus ensure reliable data transmission. Ideal for set top boxes. High mating reliability, 100,000 mating cycles, PCB-mounting, double decker and dual plane.



## Radio Frequency

A full complement of CATV coaxial products from Mini-UHF connectors used in cellular subscriber units, to low intermodulation 7-16 DIN connectors used in cellular base stations. These include Standard/Miniature (UHF, Mini-UHF, N, 50 & 75 ohm BNC and RP-BNC, Twinaxial, TNC and RP-TNC), Subminiature (SMA, RP-SMA, SMB, SMC and size 8 contacts), MicroMate™ Microminiature, DIN 47223, 7-16, and corrugated cable connectors.