

SPECIALTY CABLES FOR WET LOCATIONS AND MARKETS REQUIRING LOW-SMOKE, ZERO-HALOGEN



Water-Blocked Constructions

The advanced water-blocked construction of Gepco® Brand HydroBloc™ cables utilizes advanced two-ply water-blocking tape and water-swellaible fillers to prevent transverse and longitudinal water ingress.

Application-Specific Jackets

Jacket compounds are specified for each cable type based upon the application. The jackets on Gepco Brand HydroBloc cables offer sunlight and moisture resistance, while the low-smoke, zero-halogen jackets on Shipboard cables provide flame resistance, low-smoke release and reduced toxicity.

TactiCel™ Strong Cell Technology Dielectric

Gepco Brand HydroBloc and Shipboard video cables use TactiCel, a proprietary gas-injection process that blends nitrogen and plastic polymers to produce a dielectric that reduces the high-frequency attenuation, while maintaining uniform cell structure, low return loss and exceptional crush resistance.

Precision Pair Twisting & Balancing

The frequency and consistency of the pair twisting determines the noise rejection of audio cables. Gepco balanced pairs are twisted to a tight and uniform lay to maximize common-mode noise rejection.

Low-Loss, Data-Grade Dielectric

Data transmission requires exceptional bandwidth compared to conventional cable types. To achieve the required bandwidth and impedance characteristics, Gepco® Brand data cables utilize only low-loss, data-grade nitrogen/polymer, polyethylene, or PVC dielectrics.

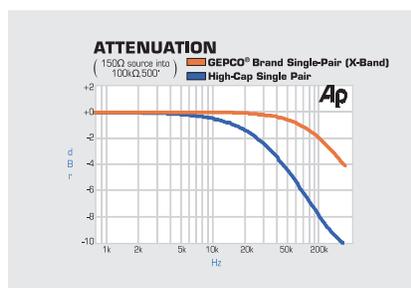
High-Purity Copper

Most coax cable conductors are made from corrosion-resistant tinned copper or 99.999% oxygen-free copper. These conductor types are easy to solder and maximize conductivity.

Electrical Characteristics & Specifications

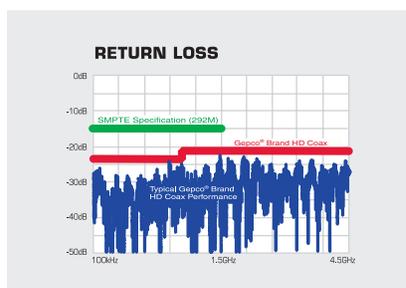
Bandwidth & Low Attenuation

The low-loss dielectric compounds and conductors minimize loss. Compared to other types, Gepco audio cables have less attenuation and greater bandwidth.



Meets or Exceeds Standards & 100% Sweep Tested

HD coax meets/exceeds SMPTE 424, 292 or 259 standards for digital video cable including specifications for return loss, impedance, attenuation and bandwidth performance.



Tested & Verified

All reels are 100% tested and verified to ensure consistent and reliable performance in every application. Category 5e and 6 cables are ETL verified to ensure compliance with all ANSI/TIA 568-C.2 performance standards.

