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CITCABLE FOR

Plenum Rated(CMP) Communication

Wire&Cable

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Shenzhen CITCABLE Co., Ltd



Company Profile

CITCable is a technology driven company who designs, manufactures and markets high performance coaxial and high data rate copper cable products, we serve a broad range of industries such as high performance computing, Security system, A/V System, Video signals in cabin entertainment and other air- borne, military and civil radar system, aviation, medical, EMI protection ,automotive, aerospace, semiconductor automatic test system / equipment (ATE system), test and measurement, smart phone/tablet, handheld devices, etc. Our cable products take the advantage of Foam Teflon(FEP,PTFE) and expanded PTFE technology as well as tight impedance control processes, which allows the best design flexibility in your system considering the impact of cable. By working with us,

CITCable's dedicated engineering group will be your extended team to remove your cable problems.

WWW.CITCABLE.COM

Shenzhen CITCABLE Co., Ltd



Product Type

- Plenum Rated(CMP)Foam FEP HDMI Cable
- Plenum Foam FEP TRIAXIAL Coax Cable
- Radiation Resistance TRIAXIAL Coax Cable
- Plenum Precision Coax Cable
- Plenum Foam FEP RG11, RG59, RG6 Cable
- Plenum Foam FEP 5C Coax Cable
- CMP Teflon CAT5e, CAT6
- CMP Special Twin-ax Cable
- CMP Special Quad Cable
- 120 Ohm Special Twist Pair Cable
- CMP High Data Rate Cable



Plenum Rated(CMP)Foam FEP HDMI Cable

CITCABLE : Plenum-rated (CMP) High Speed HDMI Cable with Ethernet 24 AWG Male to Male, 25FT, 35FT, 50FT ,75FT & 100FT

Plenum HDMI cables are a must have for any installer performing an installation in any school, university, hospital, government or other commercial building. expanded its connectivity portfolio to include a line of commercial grade plenum cables that are ideal for routing audio/video cables through plenum space above dropped ceilings or under raised floors.

CITCABLE plenum-rated HDMI cables offer true digital performance while meeting the highest standards in fire resistance. These cables are featured with 24AWG Tin stranded copper conductors, triple shielding to reject EMI and RFI, and gold plated connectors to prevent metal corrosion. All our plenum-rated HDMI cables are compatible to the latest HDMI standard and will pass all resolutions up to 1080p or 1920x1200. High quality materials and construction, along with rigorous factory testing, guarantee long-term and dependable performance.



cmpHDMI
HIGH SPEED
with ETHERNET

Plenum HDMI MM with Ethernet
Product Features
• Plenum, CMP-rated
• Supports up to a 1080p resolution
• Gold plated connectors
• 24 AWG conductor construction
www.citcable.com



Foam FEP

CMP HDMI CABLE

www.citcable.com

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE



TRIAXIAL Coax Cable

- CITCABLE: 75 OHM TRIAXIAL Coax Cable Foam FEP PLENUM EMI
- Tinned or bare, stranded or solid copper conductor
- Foam-FEP insulation
- Shield: braid 95% Coverage
- Teflon Jacket

CITCABLE provides a significant advantage in weight and flexibility in this 75 ohm cable with added EMI protection by means of an isolated second 95% coverage shield — the major benefit of a triaxial design, RoHS compliant and meets the FAA flammability requirements of FAR Part 23 and 25, Appendix F; complies with MIL-C-17 as applicable Thus EMI is significantly reduced

APPLICATIONS & FEATURE

- Used for video signals in cabin entertainment and other air- borne
- Video cables for analog and digital application cables





TRIAXIAL Coax Cable Radiation Resistance(PEEK)

- CITCABLE: PEEK 75 OHM TRIAXIAL Coax Cable Radiation Resistance
 - 1. PEEK Jacket
 - 2. Silver-Plated Copper Shields
 - 3. PEEK Dielectric
 - 4. Stranded Silver-Plated Copper Conductor 30AWG
- PEEK Coax Cable has a high continuous operating temperature, excellent abrasion and chemical resistance, and dielectric strength. Material properties are maintained in long, continuous lengths without pinholes.

APPLICATIONS & FEATURE

- Used for video signals in cabin entertainment nuclear-electric and AEROSPACE
- Video cables for analog and digital application cables

75 OHM TRIAXIAL COAX RADIATION CABLE





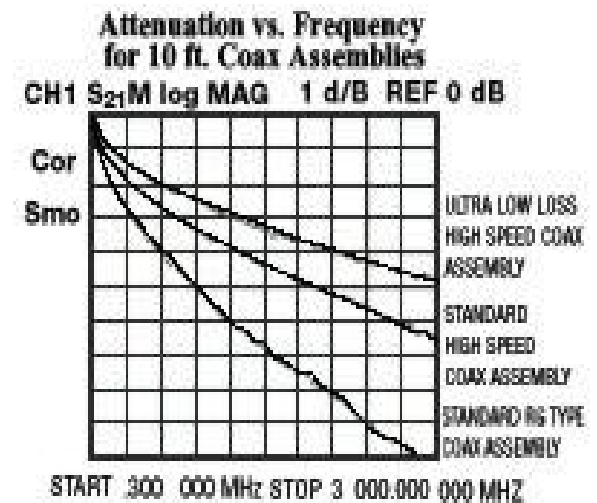
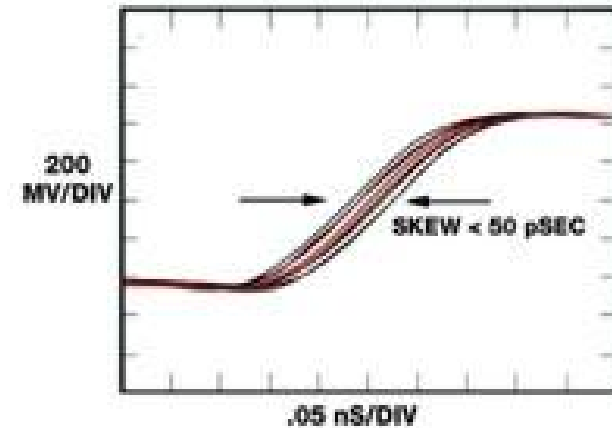
Precision Coaxial Cable

CIT CABLE Speed design and manufacture precision coaxial cable for digital system to meet most challenging packaging and electrical requirements.

Features and benefits include:

- Higher packaging density
- Higher signal fidelity
- Low propagation delay. Signal speeds of greater than 85% the speed of light
- Lower capacitance
- Greater flex durability

Typical Trace Used to Measure Time Delay





Plenum&CMP Class RG Cable

- Plenum &CMP Foam FEP RG11, RG59, RG59+18AWG Power ,RG6
- Product description
 - Reference standard: UL 1581, UL 13, UL 444
 - Tinned or bare, stranded or solid copper conductor
 - Foam-FEP insulation
 - Shield: AL foil and braid
 - CMP Class Plenum PVC or Teflon Jacket



APPLICATIONS & FEATURE

- Drop cable for CATV and MATV distribution of CMP Class
- Cable for satellite applications, test up to 3 Ghz.
- Video cables for analog and digital application cables
- Computer, instrumentation, and broadcast cable

Cable Design: TPC + Foam FEP + Foil Shielding Plenum PVC and Teflon jacket
Options: AWG12 to AWG32 or customize

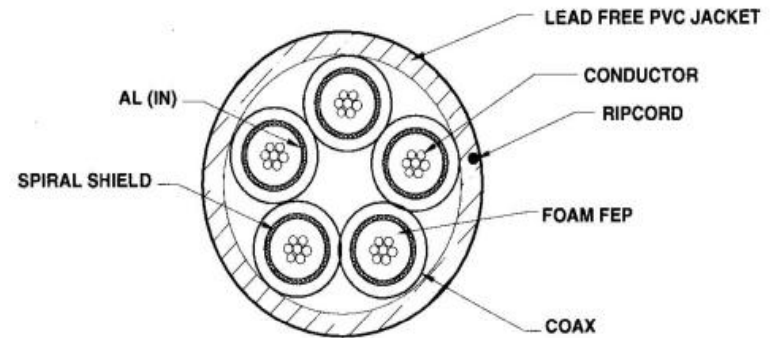


CMP Class 5C Coaxial Cable

- CITCABLE: CMP 26AWG Foam FEP Coaxial 5C CONDUCTOR Cable
PLENUM BNC-5

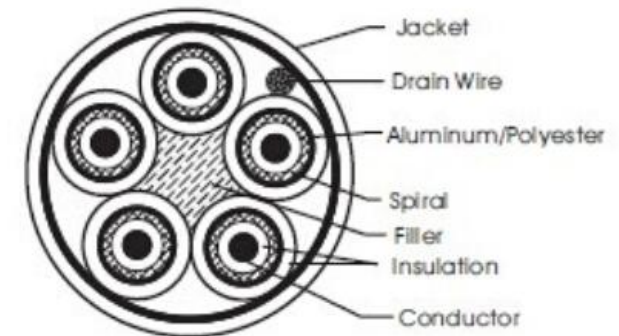
- Product description

- Reference standard: UL 1581, UL 13, UL 444
- Tinned or bare, stranded or solid copper conductor
- Foam-FEP insulation
- Shield: AL foil and braid
- CMP Class Plenum PVC or Teflon Jacket



APPLICATIONS & FEATURE

- Drop cable for CATV and MATV distribution of CMP Class
- Cable for satellite applications, test up to 3 GHz.
- Video cables for analog and digital application cables
- Computer, instrumentation, and broadcast cable



Cable Design: TPC + Foam FEP + Foil Shielding Plenum PVC and Teflon jacket
Options: AWG12 to AWG32 or customize



CMP Class Network Cable

•Plenum NetworkCAT5 and CAT6 CMP Teflon Cable(Foam FEP)

100% Brand new, Top quality, buy with confidence
50Meters(165FT)/lots. (other length is available, contact us)
Color: BLUE

Spec: CAT6A UTP type, 8cores, AWG24, 99.9% high purity oxygen free copper for conductor, TEFLON or CMP Plenum PVC JACKET

Bandwidth: 1~155MHz.

Certificated: Absolutely conform to UL, REACH, RoHS. (solid certificate, no fake)

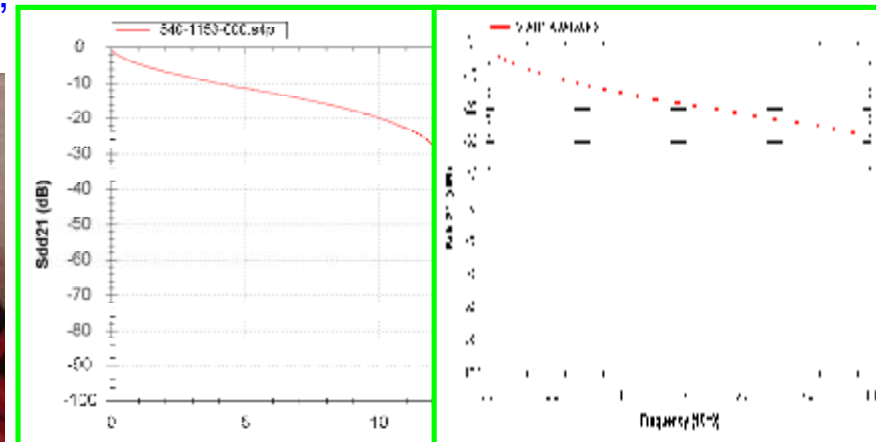
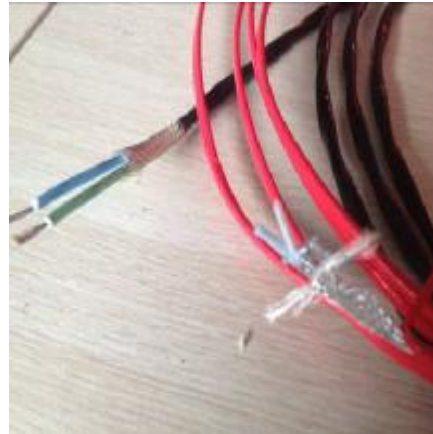
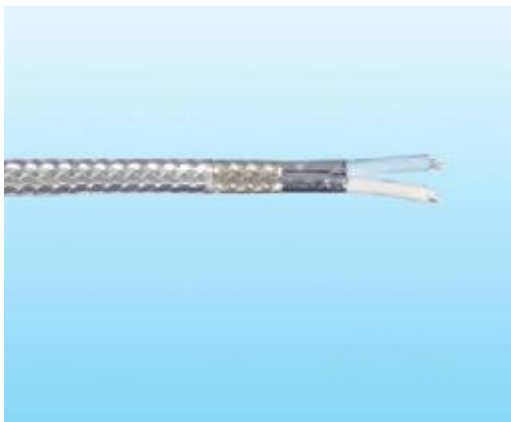
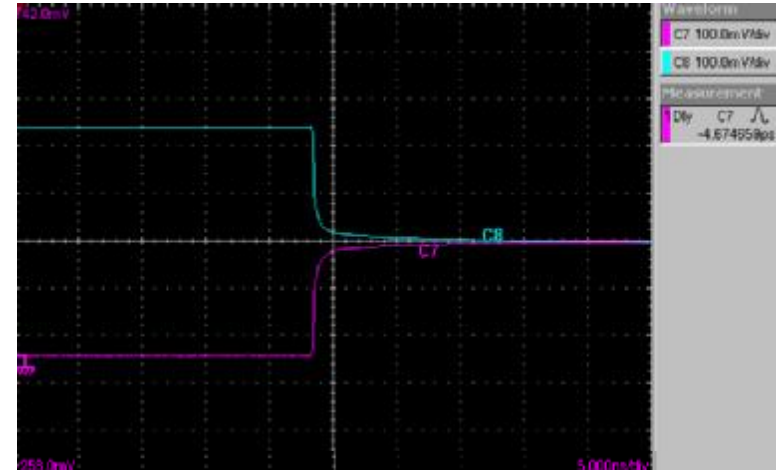
Packing: Reel, outer carton. (the wooden reel shown in above picture is 305M/reel, for your reference)

Cable Design: BC+ FEP + Foil Shielding+ + jacket
Options: AWG23 to AWG24 or customize



Special Twin-ax Cable

1. Low signal attenuation and cross talk
2. Small size to reduced mass
3. Tightest control impedance, Impedance tolerance down to $\pm 2\Omega$
4. Balanced Pair, Guaranteed Pair skew < 6ps/m
5. All materials rated for temperature extremes (-55°C to 200°C);
6. Non-flammable and non-outgas materials;
7. Good EMC performance



AWG26 100ohms Insertion Loss

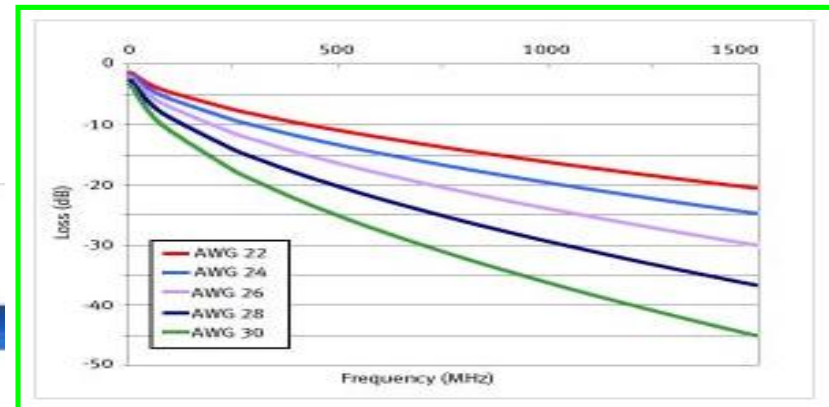
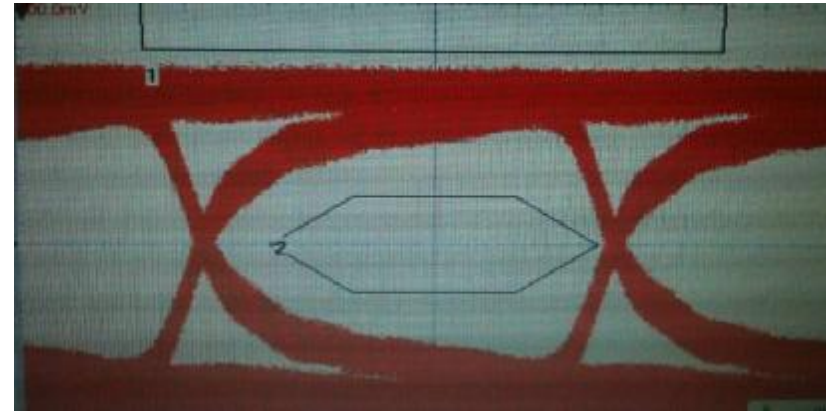
AWG24 150ohms Insertion Loss

Cable Design: SPC conductor + Low density PTFE wrapped + Colored PTFE + silver plated copper braiding + FEP jacket

Options: 22AWG to 30AWG, Impedance 100ohms, 150ohms or customize

Special Quad Cable

1. All materials rated for temperature extremes(-55°C to 200°C);
2. Non-flammable and non-outgas materials;
3. Meet IEEE1394b Fire 400 Standard
4. Impedance Control
5. Low Skew, within pair skew <10ps/m
6. Low Delay 4ns/m nom.
7. Low Crosstalk

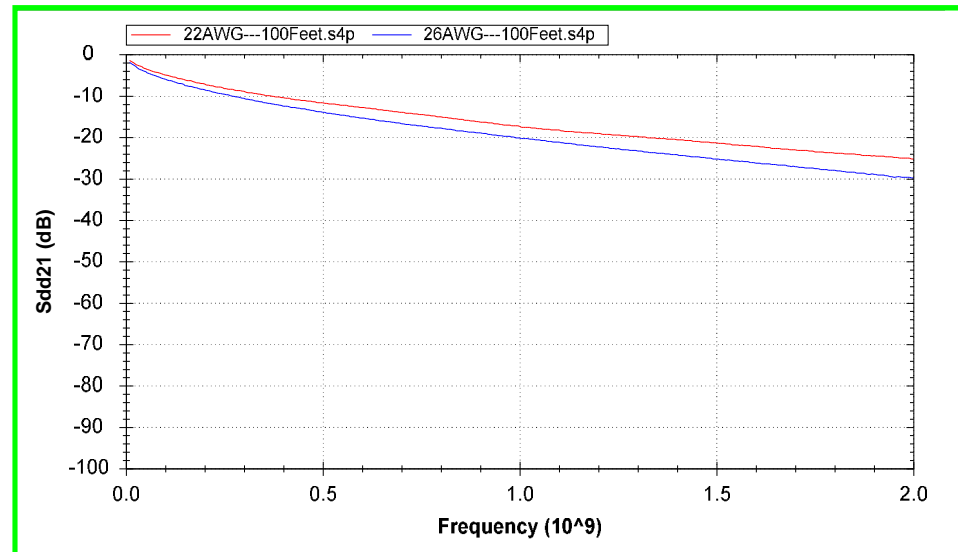


Cable Design: SPC or alloy conductor + Low density PTFE wrapped + Colored PTFE + SPC double braiding +FEP jacket
Options: AWG22 to AWG30, Impedance 100ohms and 150ohms or customize



120 Ohm Special Twist Pair Cable

1. All materials rated for temperature extremes(-55°C to 200°C);
2. Non-flammable and non-outgas materials;
3. Insulation for small size and easy stripping;
4. Minimum possible diameter for space savings
5. Flexibility
6. Impedance Control $\pm 2\%$
7. Low Delay 4ns/m nom.
8. Low Crosstalk



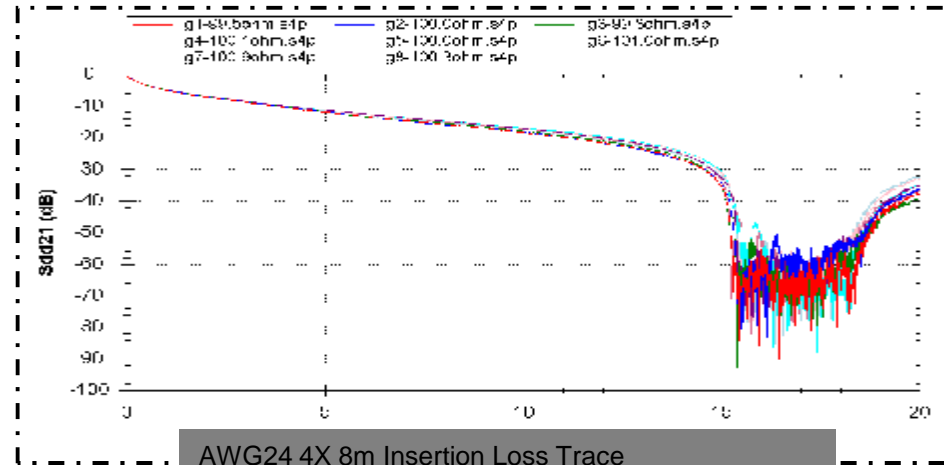
Cable Design: SPC or alloy conductor + Low density PTFE wrapped + Colored PTFE Wrapped + SPC double braiding +FEP jacket

Options: AWG20 to AWG30, Impedance 100ohms and 150ohms or customize



I/O High Data Rate Cable

- Ideal zero-skew structure;
- Enables high-speed and high-capacity transmission;
- Ideal for long-distance communications using metal;
- Supports small diameters and high integration
- Lightweight and extremely flexible



Cable Design: SPC + Low density PTFE wrapped + Foil Shielding+ FEP inner Jacket + Double outer Shielding+ jacket
Options: AWG24 to AWG32, 1x, 4x,12x or customize