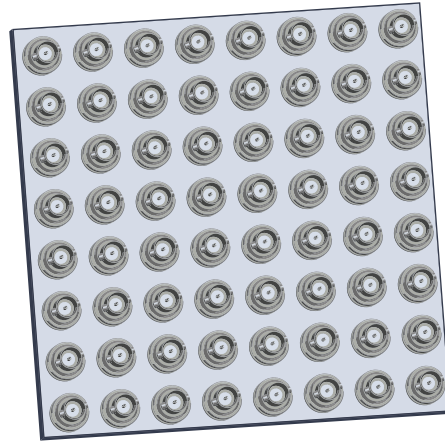


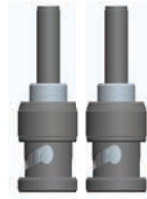
High Density BNC Connectors

Spacing

HD-BNC™

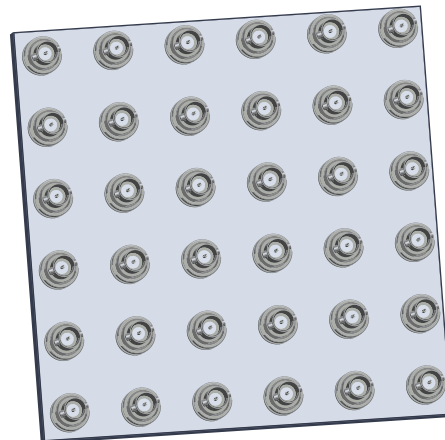


High Density Cable

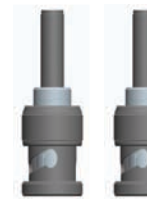


8 mm (.315")

64 interconnects in 2.5 x 2.5"



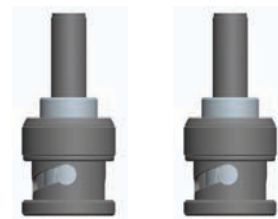
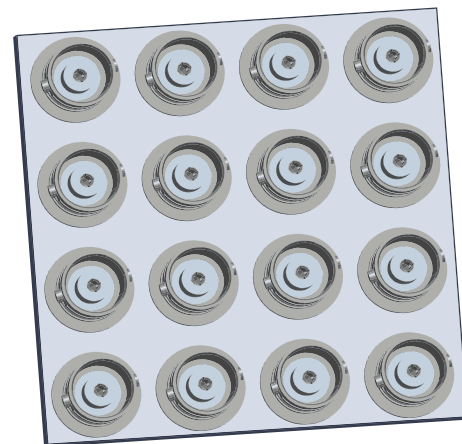
Standard Cable



9.5 mm (.374")

36 interconnects in 2.5 x 2.5"

Standard BNC



15.9 mm (.625")

16 interconnects in 2.5 x 2.5"

HDBNC.AmphenolRF.com

HD-BNC™

High Density BNC Connectors

NEW

Amphenol® RF

Global RF Solutions

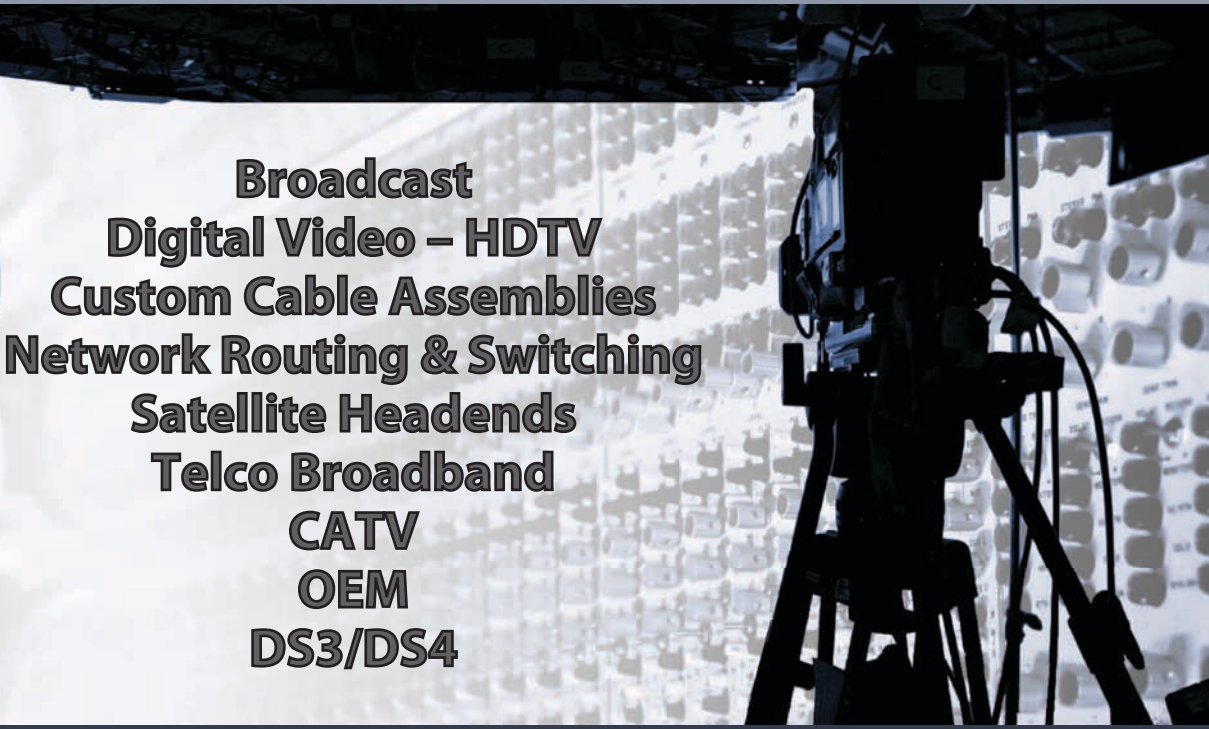
Amphenol RF's HD-BNC™ - bringing higher density connectivity to a higher definition world.

Amphenol RF, the inventor of the BNC, introduces the High Density BNC family of connectors. HD-BNC™ delivers true 75 ohm performance in a footprint 51% smaller than traditional BNC connectors, allowing four times the density, and 40% smaller than the DIN 1.0/2.3. Engineered to enhance electrical and mechanical performance, the HD-BNC™ connector features the trusted, push and turn interface of a traditional BNC, providing tactile feedback and a positive lock for quick and guaranteed mating. Using the same cable prep and termination specifications of legacy broadcast connectors makes adopting HD-BNC™ seamless.

Features and Benefits

| | | | | | |
|--|---|-------|----------|-------|------------|
| High Density Solution | Allows four times as many interconnects as the BNC: 51% smaller than BNC 39% smaller than Mini-BNC 40% smaller than DIN 1.0/2.3 | | | | |
| Bayonet Coupling | Positive lock allows for quick and easy connection using patented mating/demating technology. | | | | |
| True 75 Ohm Impedance | Higher Performance over longer distances. | | | | |
| Fits Traditional Broadcast Cables | <ul style="list-style-type: none"> • Belden® • Times Fiber® • DRAKA® • Image 360® | | | | |
| Complete Product Line | <table border="0"> <tr> <td>Plugs</td> <td>Adapters</td> </tr> <tr> <td>Jacks</td> <td>PCB Mounts</td> </tr> </table> | Plugs | Adapters | Jacks | PCB Mounts |
| Plugs | Adapters | | | | |
| Jacks | PCB Mounts | | | | |

Applications



Specifications

| Electrical | |
|----------------------------------|---|
| Impedance | 75 Ω |
| Frequency Range | 0-6 GHz |
| Voltage Rating | 170 VRMS |
| Dielectric Withstanding Voltage | 500 volts |
| Return Loss | 30 dB @ 3 GHz |
| Contact Resistance | Center contact: 5 m Ω Outer contact: 2.5 m Ω |
| Insulation Resistance | 10,000 M Ω minimum |
| Data Rate | 3 Gbps or higher |
| Mechanical | |
| Mating | Bayonet Positive Locking, Visual indicator |
| Braid/Jacket Cable Affixment | Hex crimp |
| Center Conductor Cable Affixment | Solder / Crimp |
| Tool | Conventional crimp / Die sets |
| Contact Captivation | All types as noted |
| Connector Durability | 500 mating cycles minimum |
| Material | |
| Male Contact | Brass, Amorphous (gold) Plating |
| Female Contact | Beryllium copper, Amorphous (gold) Plating |
| Outer Contacts | Beryllium copper, Nickel Plating |
| Bodies and Hardware | Brass, Nickel Plating |

Meets SMPTE 292M & 424M Standards

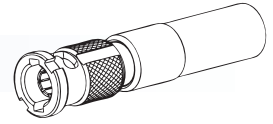


HD-BNC™ Part Numbers

Rev 2.0
3/2011

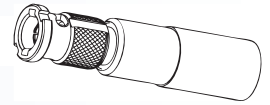
Plugs for High Density Cable

| | |
|--------------|--|
| 034-1033 | Plug for Times Fiber T210HDTV |
| 034-1026 | Plug for Belden® 1855A, T8550A |
| 034-1037 | Plug for Belden® 1855ENH, DRAKA 0.6/2.8 AF |
| 034-1037-100 | Plug for Image 360 |



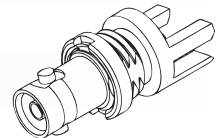
Plugs for Standard Cable

| | |
|--------------|--|
| 034-1027 | Plug for Belden® 1695A, T6950A |
| 034-1017-300 | Plug for Belden® 1694A, Image 1000, T6940A |
| 034-1025 | Plug for Belden® 1505A, Image 720 |



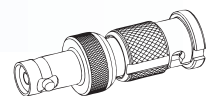
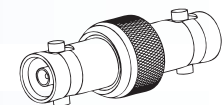
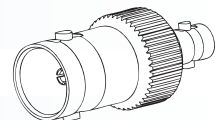
PCB Connectors

| | |
|----------|--|
| 034-1021 | Vertical Jack, 3 Leg, Square |
| 034-1032 | Vertical Jack, 3 Leg, Round |
| 034-1018 | Edge Launch, Jack, BH |
| 034-1030 | Right Angle, Jack, BH |
| 034-1024 | Vertical Jack, 4 Leg, Square |
| 034-1028 | Vertical Jack, 4 Leg, Square, BH |
| 031-1040 | Vertical Jack, 4 Leg, Square, Extended, BH |



Adapters

| | |
|-----------------|--|
| APH-BNCJ-HDBNCP | BNC Jack to HD-BNC Plug |
| APH-BNCJ-HDBNCJ | BNC Jack to HD-BNC Jack |
| APH-BNCP-HDBNCP | BNC Plug to HD-BNC Plug |
| APH-BNCP-HDBNCJ | BNC Plug to HD-BNC Jack |
| APH-HDBNCP-J | HD-BNC Plug to HD-BNC Jack |
| APH-HDBNCJ-J | HD-BNC Jack to HD-BNC Jack |
| APH-HDBNCJ-T | HD-BNC Jack Termination |
| APH-HDBNCP-T | HD-BNC Plug Termination |
| APH-HD-IS0-HD | Panel HD-BNC Jack to HD-BNC Jack , Isolated Adapter |
| APH-HD-IS0-BNC | Panel HD-BNC Jack to BNC Jack , Isolated Adapter |
| APH-HD-IS0-1023 | Panel HD-BNC Jack to 1.0/2.3 Jack , Isolated Adapter |
| APH-NJ-HDBNCJ | N Jack to HD-BNC Jack |
| APH-NJ-HDBNCP | N Jack to HD-BNC Plug |
| APH-NP-HDBNCJ | N Plug to HD-BNC Jack |
| APH-NP-HDBNCP | N Plug to HD-BNC Plug |
| 034-1023 | HD-BNC TEE Adapter, Jack (3) |



Assembly Tools

| | |
|----------------|------------------------|
| 227-1490 | Spanner Nut Tool |
| 227-T2000 | Mating / Unmating Tool |
| APH-HDBNC-EVAL | Evaluation Kit |



HD-BNC™

Amphenol® RF

Global RF Solutions

HDBNC.AmphenolRF.com

Global Headquarters
4 Old Newtown Rd
Danbury, CT 06810 USA

Tel: (800) 627-7100
Fax: (203) 796-2032
Web: AmphenolRF.com



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.