

IN9045 / IN9046 SERIES

15-PIN HD TO 5-BNC ADAPTER AND EXTENSION CABLES

FEATURES

- **Ideal for Interconnections Between Computers, Interfaces, Distribution Amplifiers, Switchers, Matrices, Data Monitors and Data Projectors**
- **Available as 15-Pin HD Male to 5-BNC Male (IN9045 Series) or 15-Pin HD Female to 5-BNC Male (IN9046 Series)**
- **Premium Durable Terminations:**
Molded 15-Pin HD Connectors and Molded Cable Strain Relief for BNC Connectors
- **Cables are Color Coded:**
Red / Green / Blue / Yellow / Black
- **Bandwidth of 50' Cable:**
135 MHz @ -3dB



The IN9045 and IN9046 Series are adapter cables featuring a 15-Pin HD VGA-type connector on one end and five male or female BNC connectors on the other end. Available in a variety of lengths from 1' to 75', these cables are ideal for interconnecting VGA video sources, interfaces, distribution amplifiers, switchers, matrices, data projectors, data monitors and any other compatible devices featuring 15-Pin HD and 5-BNC input and output connectors.

High Quality Cable Terminations

IN9045 / IN9046 Series cables have durable molded 15-Pin HD connectors that feature large thumb screws for easy tightening and removal. The BNC connectors have color coded cables for quick connection and feature a

flexible molded strain relief for easy handling and enhanced cable durability.

IN9045 Series cables have a 15-Pin HD male connector and five male BNC connectors.

IN9045FBNC Series cables have a 15-Pin HD male connector and five female BNC connectors.

IN9046 Series cables have a 15-Pin HD female connector and five male BNC connectors.

IN9046FBNC Series cables have a 15-Pin HD female connector and five female BNC connectors.

Flexible Plenum Version Available

The IN9045FP Series cables are also available constructed with the new INLINE flexible plenum cable.

These cables feature a UL rating of CL2P and support installations where cable will be pulled in ceiling plenums without using conduit.

Mini Coax For High Performance

While low cost VGA cables are often constructed entirely from twisted pair cables, the IN9045 / IN9046 Series cables are constructed of five high performance mini-coax conductors to carry the Red, Green, Blue, horizontal and vertical signal components. With a measured -3dB video bandwidth of 135 MHz for a 50' long cable (0.7V input signal) the IN9045 / IN9046 Series cables provide high performance to maintain signal clarity and detail and are compatible with all signal resolutions up to 1800 x 1400. The mini-coax design also keeps the overall cable diameter compact for easy handling.

SPECIFICATIONS

Conductors: 5 coaxial conductors

Gauge: 26 AWG - Stranded Conductor

Color Code: Red / Green / Blue / Yellow / Black

Impedance: 75 Ω +/- 3 Ω

Capacitance: 16.7 pF/ft. nominal

Velocity: 83% nominal

Time Delay: 1.22 nSec/ft. nominal

Attenuation: 6.0 dB/100 ft. max. @ 100 MHz

Center Conductor DC Resistance: 41 Ω/100 ft. nominal, 75 Ω impedance

Outer Diameter: 0.36" / 8.8 mm

Outer Jacket Material: PVC

Outer Jacket Color: Black

Regulatory Approval:
IN9045 / IN9046 Series: UL Rating of CL2
IN9045FP Series: UL Rating of CL2P

ORDER INFORMATION

IN9045 SERIES CABLES 15-PIN HD MALE TO 5-BNC MALE

IN9045-L1	1' VGA Adapter Cable
IN9045-L2	2' VGA Adapter Cable
IN9045-L3	3' VGA Adapter Cable
IN9045-L6	6' VGA Adapter Cable
IN9045-L12	12' VGA Adapter Cable
IN9045-L25	25' VGA Adapter Cable
IN9045-L35	35' VGA Adapter Cable
IN9045-L50	50' VGA Adapter Cable
IN9045-L75	75' VGA Adapter Cable

IN9045FBNC SERIES 15-PIN HD MALE TO 5-BNC FEMALE

IN9045FBNC-L3	3' VGA Adapter Cable
IN9045FBNC-L6	6' VGA Adapter Cable
IN9045FBNC-L12	12' VGA Adapter Cable

IN9045FP SERIES FLEXIBLE PLENUM CABLES 15-PIN HD MALE TO 5-BNC MALE

IN9045FP-L25	25' VGA Flexible Plenum Adapter Cable
IN9045FP-L35	35' VGA Flexible Plenum Adapter Cable
IN9045FP-L50	50' VGA Flexible Plenum Adapter Cable
IN9045FP-L75	75' VGA Flexible Plenum Adapter Cable

IN9046 SERIES CABLES 15-PIN HD FEMALE TO 5-BNC MALE

IN9046-L1	1' VGA Adapter Cable
IN9046-L2	2' VGA Adapter Cable
IN9046-L3	3' VGA Adapter Cable
IN9046-L6	6' VGA Adapter Cable
IN9046-L12	12' VGA Adapter Cable
IN9046-L25	25' VGA Adapter Cable
IN9046-L35	35' VGA Adapter Cable
IN9046-L50	50' VGA Adapter Cable

IN9046FBNC SERIES 15-PIN HD FEMALE TO 5-BNC FEMALE

IN9046FBNC-L3	3' VGA Adapter Cable
IN9046FBNC-L6	6' VGA Adapter Cable
IN9046FBNC-L12	12' VGA Adapter Cable