

Laird HDBNC4855-BF High Density BNC Cable

The Laird HDBNC4855 Series of low profile coax HD-BNC male to BNC female adapter cables are designed for transmitting high resolution uncompressed 12G-SDI / 4K UHD video signals. Ideal for high density jackfields, routers and signal distribution systems where RF performance is critical. The HD-BNC utilizes a bayonet style mating analogous to traditional BNCs for a reliable coupling. These Laird cables are built with Belden low loss 4855R coax rated for 12G-SDI runs up to 150 feet. The cable's new braid design, silver-plated copper conductor, and a new polyethylene formula are all design features that contribute to significant RL improvement and an 8 dB improvement on cable attenuation compared to existing coaxes. Fully compatible with SMPTE ST-2082-1 and ST-2081-1 standards.



Features

- Designed for UHD and 4K Video Transport 12 GHz, 4K UHD
- Precision 75-Ohm Video Cable
- HD BNC Straight Crimp Connectors Simplify Installations
- Optimized Transmission Distance for UHDTV Transmits up to 149 ft/45m
- Return Loss: Guarantees -15 dB RL from 4.5 to 12GHz
- Meets SMPTE ST-2082-1 and ST-2081-1 Standards

Specifications

- Belden 12G SDI Mini-RG59 Coax Cable with PVC Jacket Compatible with 12GSDI single link format devices
- Nominal Impedance: 75Ω
- Conductor: Silver Plated Copper
- Insulation: Gas Injected Foam HDPE
- Outer Shield: Duofoil bonded to the Core + Tinned Copper Braid Shield
- Conductor DC Resistance: 19.700 DCR@20°C(Ohm/1000ft)
- Outer Shield Resistance: 3.900 DCR@20°C(Ohm/1000ft)
- Nominal Inductance: .107 MH/ft
- Nominal Capacitance Conductor to Shield: 16.3 pF/ft
- Transmission Distance: 12G signals up to 149 feet, 6G up to 215 feet, and 3G up to 310 feet
- Amphenol Connectors Meet SMPTE Standards for 12G-SDI
- Durability: 500 Cycles



Export Information

Country of Origin: USA
US ECCN: EAR99
HTS Code: 8544.42
US Dept. of Commerce CCATS: N.a

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