

VMPUHD-BK

CABLE SERIES

Laird VMPUHD-BK 12G-SDI 4K UHD Mid Size Video Patch Coax Cable

Laird VMPUHD-BK 12G -SDI 4K UHD Video Patch Coax Cables maximize 12GHz, 4K UHD signal transmission over a single coax cable while minimizing weight and space. The cables terminate with Switchcraft UHD mid-size BNC video patch plugs that are optimized for 4K UHD broadcast. The Belden 20AWG precision coax cable features a PVC jacket and a silver-plated copper conductor with gas-injected foamed HD polyethylene insulation. Designed for critical equipment connectivity and signal flow, these sturdy cable assemblies provide secure equipment connections in production trucks, control rooms, and studios. Sends 12G signals up to 208 feet, 6G up to 302 feet, and 3G up to 433 feet.

*** Laird certified lengths are defined as max transmission where signal integrity remains 100% functional without any CRC errors, your 12G-SDI ST 2082 signals may function at or beyond the manufacturer-certified lengths without issues- however when CRC errors are present there could be drops in audio, video, meta and ancillary data. In most circumstances, video integrity remains intact at OEM distance ***

Features:

- 12GHz, 4K UHD Signal Transmission
- Durable Mid-Size 20AWG, Precision Coax Cable
- Gray Boots Differentiate from 3GHz Cable
- High Quality Switchcraft Connectors
- Maximize Broadcast Signal Integrity
- Meets: SMPTE ST 2082-1 (12GB/s UHDTV), ST-2801-1 (6GB/s UHDTV), and 424M (3GB/s HD-SDI 1080p)

Specifications:

- **Belden 12G-SDI Coax Cable with PVC Jacket**
 - Belden Certified Max Transmission Distance: 12G Signals up to 208 feet, 6G up to 302 feet, and 3G up to 433 feet
 - Laird Certified Max Transmission Distance: 150 Feet for 12G/4K
 - 4K UHD 20AWG Coax Cable
 - Insulation: Gas-injected Foam HDPE
 - Conductor: Silver-plated Copper
 - Outer Shield: Duofoil Bonded to the Core + Tinned Copper Braid Shield
 - Conductor DC Resistance: 10.200 DCR@20°C(Ohm/1000ft)
 - Outer Shield Resistance: 3.400 DCR@20°C(Ohm/1000ft)
 - Nominal Inductance: 0.107 MH/ft
 - Nominal Impedance: 75Ω
 - Nominal Capacitance Conductor to Shield: 16.1 pF/ft

