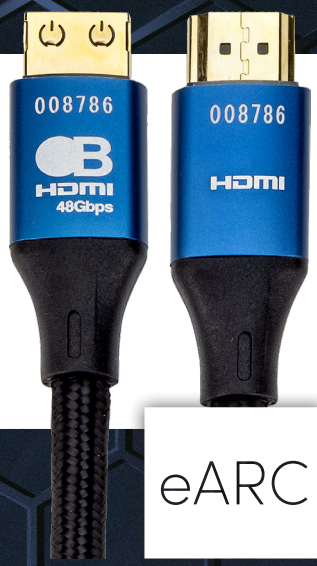
Bullet Train

PROFESSIONAL SERIES



8K ULTRA HD

48 Gbps

HDR

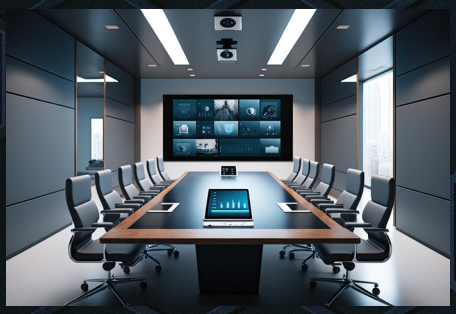
eARC

Bullet Train Professional HDMI cables are engineered under strict EMC standards (EN IEC 55035/CISPR 35 and IEC 61000) to minimize interference and ensure robust signal integrity. Each of the 19 conductors is isolated within Kevlar™-reinforced polymer dielectric insulators, and all wiring uses oxygen-free copper with multi-layer shielding to suppress both radiated noise and crosstalk. A durable braided sleeve resists fraying and electrostatic discharge, while the proprietary metal headshell—featuring Bullet Train's C-lock design—maximizes contact pressure, prevents mechanical "creep," and reduces parasitic noise for unwavering, high-performance connectivity.

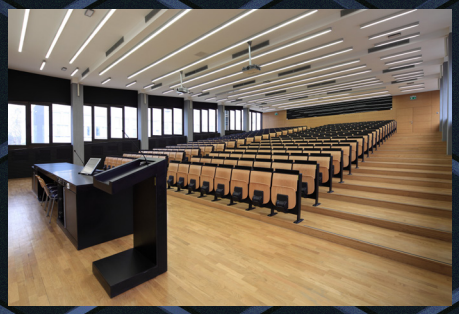
- 100% EMI/RFI multi-layer shielding preserves signal integrity
- Patented C-Lock Contact Improvement Technology headshell
- Oxygen-Free Copper (99.99%) conductors (101% IACS conductivity)
- Creep-resistant construction for long-term durability against deformation
- Fray and ESD-resistant braided sleeve
- Serial-numbered headshells for rapid signal path verification

APPLICATIONS

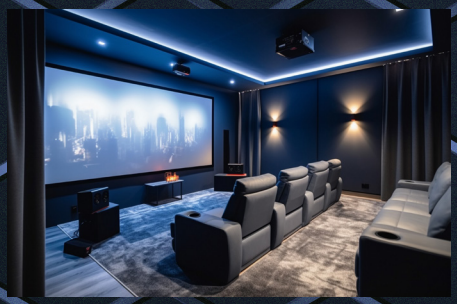
Conference Rooms



Education



Home Theater



LENGTHS

0.3 Meters BT-PHC-003	0.5 Meters BT-PHC-005	0.7 Meters BT-PHC-007	1 Meters BT-PHC-01	1.5 Meters BT-PHC-015
2 Meters BT-PHC-02	3 Meters BT-PHC-03	4 Meters BT-PHC-04	5 Meters BT-PHC-05	

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SPECIFICATIONS

Connector Type	HDMI Type-A, female
Available Lengths	BT-PHC-003 - .3 m (1 ft.) BT-PHC-007 - .7 m (2.3 ft.) BT-PHC-005 - .5 m (1.6 ft.) BT-PHC-01 - 1 m (3.3 ft.) BT-PHC-015 - 1.5 m (4.9 ft.) BT-PHC-02 - 2 m (6.6 ft.) BT-PHC-03 - 3 m (9.8 ft.) BT-PHC-04 - 4 m (13.1 ft.) BT-PHC-05 - 5 m (16.4 ft.)
Max Resolution Timing	8K/60 Hz 4:2:0, 10-bit
Max Bandwidth	48 Gbps
Retention Force	3 kg / 6.6 lbs.
Wire Gauge	0.3 m to 3 m - 30 AWG 4 m to 5 m - 28 AWG
Internal Wire Construction	8C (4 x High-speed differential FRL pairs) 2C (1 x HEAC/eARC differential pair) 3C (3 x 'DDC-SDA', 'DDC-SCL' & 'CEC') 1C (1 x '+5 V')
Cable Impedance	100 Ohms ± 10 Ohms
Cable Outer Diameter	0.3 m to 3 m - 6.3 ± 0.2 mm 4 m to 5 m - 7.3 ± 0.2 mm
Plug Dimensions (L x W x D)	mm: 39.87 x 18.03 x 9.90 in: 1.57 x .71 x .39
Plug Material	Gold-plated
Casing Material	Black Molded PVC
Outer Shielding Material	PVC Jacket (UL VW-1)
Bend Radius	0.3 m to 3 m - 40mm 4 m to 5 m - 50mm
EMI/EMC/Safety Certifications	CE, UL
Environmental	RoHS
Lead-free (Pb-free)	Yes

WHEN SIGNALS NEED TO MOVE FAST AND ARRIVE SAFELY, SEND THEM ON A BULLET TRAIN

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KEY BENEFITS

FORWARD-REACHING DESIGN

Engineered to meet advanced electromagnetic compliance regulations (EMI/RFI), these cables reduce spurious noise in compact, high-density AV setups, ensuring a cleaner signal path.

100% END-TO-END EMC SHIELDING

Each conductor and the headshell are fully shielded to block both outgoing and incoming interference, preserving signal integrity and preventing retransmission of noise.

EXCLUSIVE C-LOCK PATENTED HEADSHELL

The proprietary headshell incorporates Contact Improvement Technology for accurate, high-tensile interface coupling with devices. C-Lock ensures maximum contact pressure when inserted into device HDMI ports and enhanced compression on internal conductor pins to provide additional grip while maximizing signal transmission. A unique clasp at the base of the internal one-piece spine cinches the cable jacket and the braid to ensure Bullet Train Professional HDMI cables deliver the best cable strain relief in the industry while preventing deformative mechanical “creep” to internal conductors.

OXYGEN-FREE COPPER CONDUCTORS

Constructed with 99.99% OFC (101% IACS conductivity) for reliable performance at ambient temperatures, delivering superior signal transfer in typical installation environments.

ELECTROSTATIC DISCHARGE RESISTANT SLEEVE

The fray-resistant braided sleeve shields against static buildup, making it ideal for settings with vibration, such as yachts or aircraft.

SERIAL-NUMBERED HEADSHELLS

Both headshells are serial-numbered to enable fast, easy identification of signal paths between components. Serial numbers can be logged into cable legends, eliminating labor-intensive label marking.