



High Speed HDMI® AEC Cables

The High Speed HDMI® AEC Cables from NEUTRIK are part of the essential DATA CABLES product group. These cables are for demanding AV applications in indoor environments and support a range of higher video resolutions and refresh rates including 8K60 and 4K120, and resolutions up to 10K. Dynamic HDR formate are also supported and bandwidth capabilities up to 48 Gbps.

With the AEC Cables even longer distance connections can be established.

Besides the essential DATA CABLES, NEUTRIK also has premium and ultimate DATA CABLES for rugged and outdoor enviroments with protected and locking connectors at the cable ends.

Features & Benefits

- ✓ 48 Gbps bandwidth support for uncompressed HDMI® 2.1b feature support
- ✓ 8K60Hz and 4K120Hz high resolutions and fast referesh rates for immersive viewing and smooth fast-action details
- ✓ 10K resolutions support with DSC for commercial AV and industrial applications
- ✓ Dynamic HDR support for ideal depth, detail, brightness, contrast and wider color gamuts
- ✓ eARC simplifies connectivity, provides greater ease of use, and supports the most advanced audio formats and highest audio quality
- ✓ HDCP revision 2.3
- ✓ Backward compatible with earlier HDMI® specifications

- ✓ HDMI® Cable Power enables active HDMI® Cables to be powered directly from the HDMI® Connector, without attaching a separate power cable. This makes attaching and using active HDMI® Cables as easy as using passive, wired HDMI® Cables.
- ✓ Very low EMI emissions

Article Variants

Article name	Details	Order code
NKHA21-H0H0-M0075	High Speed HDMI® AEC Cable (m) (m) 7.5 m with retail packaging	1038954
NKHA21-H0H0-M0075	High Speed HDMI® AEC Cable (m) (m) 7.5 m with bulk/eco packaging	1038955
NKHA21-H0H0-M0100	High Speed HDMI® AEC Cable (m) (m) 10.0 m with retail packaging	1038956
NKHA21-H0H0-M0100	High Speed HDMI® AEC Cable (m) (m) 10.0 m with bulk/eco packaging	1038957
NKHA21-H0H0-M0120	High Speed HDMI® AEC Cable (m) (m) 12.0 m with retail packaging	1038958
NKHA21-H0H0-M0120	High Speed HDMI® AEC Cable (m) (m) 12.0 m with bulk/eco packaging	1038959

Technical Information

Product	
Title	NKHP21-H0H0-*
Product group	essential DATA CABLES
Connection type	HDMI® AEC
Description	PLEASE NOTE: Preference will vary depending on your additional hardware and software components & configurations.

Electrical

Transmission performance

48 Gbps acc. to HDMI® 2.1b

Mechanical

Lifetime

1'000 mating cycles

Locking device

Without locking device

Material

Contact plating

Pin: AU
Shell: AU

Contacts

Alloy

Cable Jacket Type

PVC

Shell

PVC

Environmental

Flammability

V-0 acc. to UL94

Temperature range

-25°C to +80 °C

Standard compliance

HDMI® 2.1b specifications for length up to 12 m
HDMI® 2.0 specifications for length up to 20 m
Regulation (EU) 2011/65
Regulation (EU) 2023/988
Regulation (UK) 2016 No. 1101

Ingress protection class

IP20