Written by Marco Attard
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CEDIA 2017 sees Metra Home Theater launch Velox Active-- HDMI cables reaching lengths of up to 30m, allowing installers to transmit bandwidth-intensive signals for longer distances.



The copper-based Velox Active HDMI cables are HDMI 2.0 compliant and verified to deliver the full 18Gbps bandwidth required to support UHD, 4K,HDR, 60Hz refresh rates and various chroma subsampling rates, including 4:4:4, 4:4:2 and 4:2:0.

To achieve such performance the cables use a new version of the Metra symmetrical HDCP and EDID rise time accelerator for both data and clock lines on the on the 12C bus (the display data channel). This eliminates EDID errors and, since the repair is bidirectional, ensures HDCP handshaking occurs reliably.

Also seen at CEDIA is the Velox Active Optical cable-- a fibre-based product with support for 4K and HDR at 18Gbps able to achieve distances of up to 100m.

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