AV SOLUTIONS

Leviton IT/AV systems combine category-rated structured cabling with audiovisual signal extenders to create plug-and-play solutions with no programming required. The enterprise-grade systems allow contractors to extend AV signals over twisted-pair cabling with the same tools used for installing datacom infrastructure. They can then test and certify the installation to Ethernet standards to ensure high signal performance after they leave the jobsite.

HDMI®

A:
HDBaseT™ 100 m Extender

B:
HDBaseT 70 m Extender

C:
40 m Extender

VGA

D:
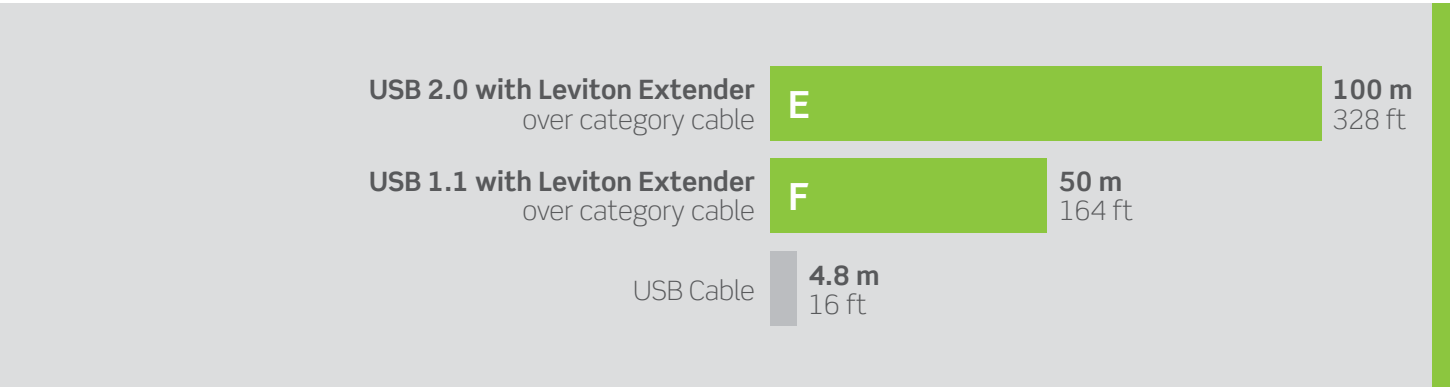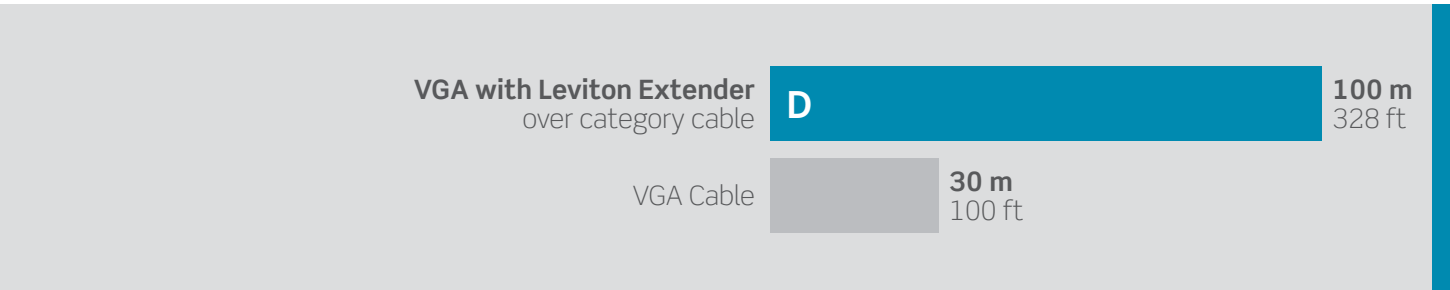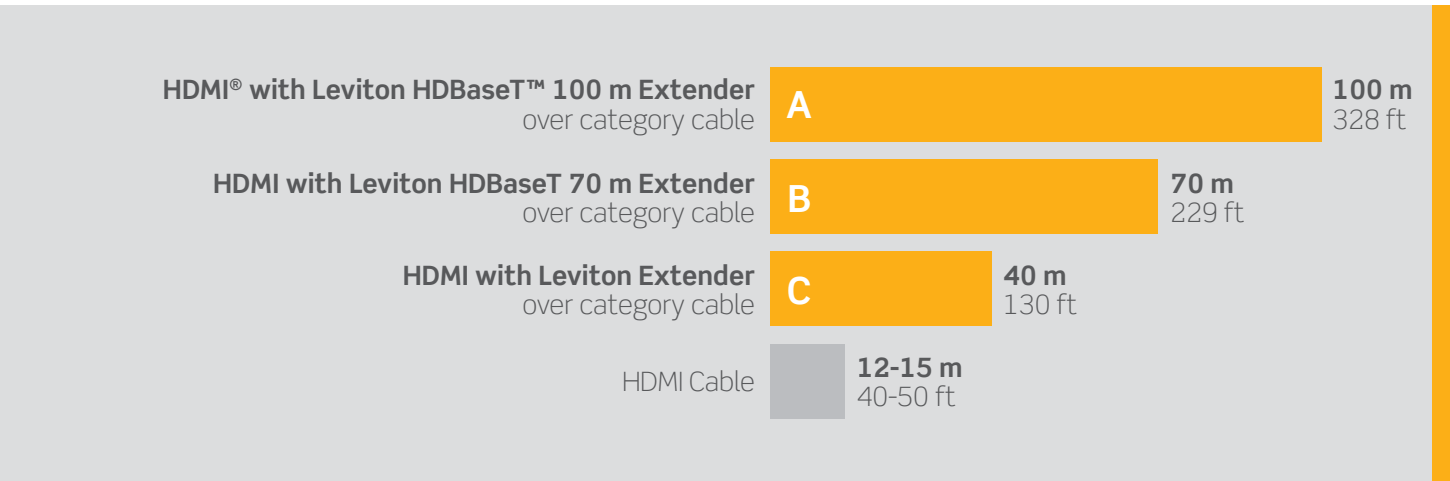**100 m Extender**

USB

E:
USB 2.0 100 m Extender

F:
USB 1.1 50 m Extender

EXTENDING HIGH-QUALITY AV SIGNALS OVER CATEGORY CABLE

Deliver the high-quality audio and video required for today's technologies with Leviton IT/AV Systems, which include signal extenders for long distance transmission of HD video. We offer extenders for a variety of connection types that increase cable distance and retain high signal performance.

Below are recommended maximum lengths using Leviton extenders, compared to maximum lengths for different AV cables.

HDMI® with Leviton HDBaseT™ 100 m Extender over category cable	A	**100 m** 328 ft
HDMI with Leviton HDBaseT 70 m Extender over category cable	B	**70 m** 229 ft
HDMI with Leviton Extender over category cable	C	**40 m** 130 ft
HDMI Cable		**12-15 m** 40-50 ft

VGA with Leviton Extender over category cable	D	**100 m** 328 ft
VGA Cable		**30 m** 100 ft

USB 2.0 with Leviton Extender over category cable	E	**100 m** 328 ft
USB 1.1 with Leviton Extender over category cable	F	**50 m** 164 ft
USB Cable		**4.8 m** 16 ft

Signal Extension

AV SOLUTIONS

A   B   C   D

RCA & F-CONNECTORS IN FEEDTHROUGH & 110-STYLE

Leviton carries a comprehensive selection of RCA and F-connectors in both feedthrough and 110 termination. Body colors match Leviton housings; barrel colors are industry standard.

- RCA Connectors use standard identification colors for component and composite video
- Coax F-Connectors are SCTE-compliant and support signals up to 3 GHz

QUICKPORT FEEDTHROUGH RCA & F-CONNECTORS (FOR RCA & COAX CABLE)							
DESCRIPTION		WHITE	LT. ALMOND	IVORY	GREY	BLACK	BROWN
[A]	RCA Connector, gold plated with black stripe, feedthrough	40830-BWE	40830-BTE	40830-BIE	40830-BGE	40830-BEE	40830-BBE
	RCA Connector, gold plated with red stripe, feedthrough	40830-BWR	40830-BTR	40830-BIR	40830-BGR	40830-BER	40830-BBR
	RCA Connector, gold plated with yellow stripe, feedthrough	40830-BWY	40830-BTY	40830-BIY	—	—	—
	RCA Connector, gold plated with green stripe, feedthrough	40830-BWV	—	40830-BIV	—	—	—
	RCA Connector, gold plated with blue stripe, feedthrough	40830-BWL	—	40830-BIL	—	—	—
[B]	F-Connector, nickel plated, feedthrough	41084-FWF	41084-FTF	41084-FIF	41084-FGF	41084-FEF	41084-FBF
[C]	F-Connector, gold plated, feedthrough	40831-0BW	40831-0BT	40831-0BI	—	—	—
QUICKPORT 110-STYLE RCA CONNECTORS (FOR CAT 6 OR CAT 5E CABLE)							
[D]	RCA Connector, gold plated with red barrel, 110 termination	40735-RRW	40735-RRT	40735-RRI	40735-RRG	40735-RRE	—
	RCA Connector, gold plated with white barrel, 110 termination	40735-RWW	40735-RWT	40735-RWI	40735-RWG	40735-RWE	—
	RCA Connector, gold plated with yellow barrel, 110 termination	40735-RYW	40735-RYT	40735-RYI	40735-RYG	40735-RYE	—
	RCA Connector, gold plated with green barrel, 110 termination	40735-RVW	—	40735-RVI	—	—	—
	RCA Connector, gold plated with blue barrel, 110 termination	40735-RLW	—	40735-RLI	—	—	—
	RCA Connector, gold plated with orange barrel, 110 termination	40735-ROW	40735-ROT	40735-ROI	40735-ROG	40735-ROE	—

White   Light Almond   Ivory   Grey   Black   Brown

LEVITON

AV SOLUTIONS

Connectors