

HDMI EXTENSION SOLUTION COMPARISON

Select the right HDMI extension solution every time with Legrand.



	HDMI® Cables	Short Range HDMI® over Cat5e/Cat6	HDMI® over Coax	HDBaseT™ over Cat5/Cat6	RapidRun® Optical	Wireless AV for HDMI
Maximum Distance	50ft	160ft	160ft	300ft	1000ft	100ft
Maximum Resolution	1080p at 50ft 4k at 25ft	Cat6 - 1080i - 50m Cat6 - 1080p - 40m Cat5e (solid conductor) - 1080i - 50m Cat5e (solid conductor) - 1080p - 20m Cat5e (stranded conductor) - 1080i - 40m Cat5e (stranded conductor) - 1080p - 16m	1080p	1080p	4k	1080p
Features Supported	3D Video; Deep Color Dolby and DTS 7.1 Surround Sound Consumer Electronics Control (CEC) Ethernet Return Channel; HDCP	EDID support HDCP	3D Video IR Control EDID support HDCP	3D Video; Deep Color Dolby and DTS 7.1 Surround Sound Consumer Electronics Control (CEC) EDID support HDCP	3D Video; Deep Color Dolby and DTS 7.1 Surround Sound Ethernet Return Channel EDID support HDCP	HDCP
Jacket Rating	PVC In-wall, CMG Plenum, CMP				Plenum, OFNP	
Additional Requirements		Requires two Cat5/6 cables	Requires RG6 coaxial cable	Requires one Cat5/6 cable Shielded, solid Cat5/6 recommended	USB required at receiver end (USB power cable included)	HDMI cables and micro USB (for power only)
Best Application	Desktop connections Blu-ray to TV Game console to TV Short connections, 1ft - 50ft	Medium extension, 50ft - 160ft Conference rooms and Classrooms Existing Cat5 cable infrastructure In-wall installation	Medium extension, 50ft - 160ft Small scale digital signage, 2 - 16 displays In-wall installation	Long length extension, up to 300ft Healthcare Corporate environments Houses of worship In-wall installation	Medium to long length extension 35ft - 1000ft Corporate environments Education; Healthcare In-wall or in-conduit installation	Conference room Huddle Space Classroom

Data Communications

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