K-12 CLASSROOM
CONNECTIVITY NEEDS

C2G K-12 classroom connectivity solutions meet the challenges to foster opportunities for teaching and learning by integrating technology.

KNOWN CONNECTIVITY NEEDS:
— Projector and interactive whiteboard
— Long distances to run A/V cables
— Cable jacket ratings for in-wall or ceilings
— Audio reinforcement

CONNECTIVITY SOLUTION BENEFITS:
— Foster collaborative learning
— Reliable signal from teacher's desk computer
— Adhere to local fire codes
— All students hearing the teacher

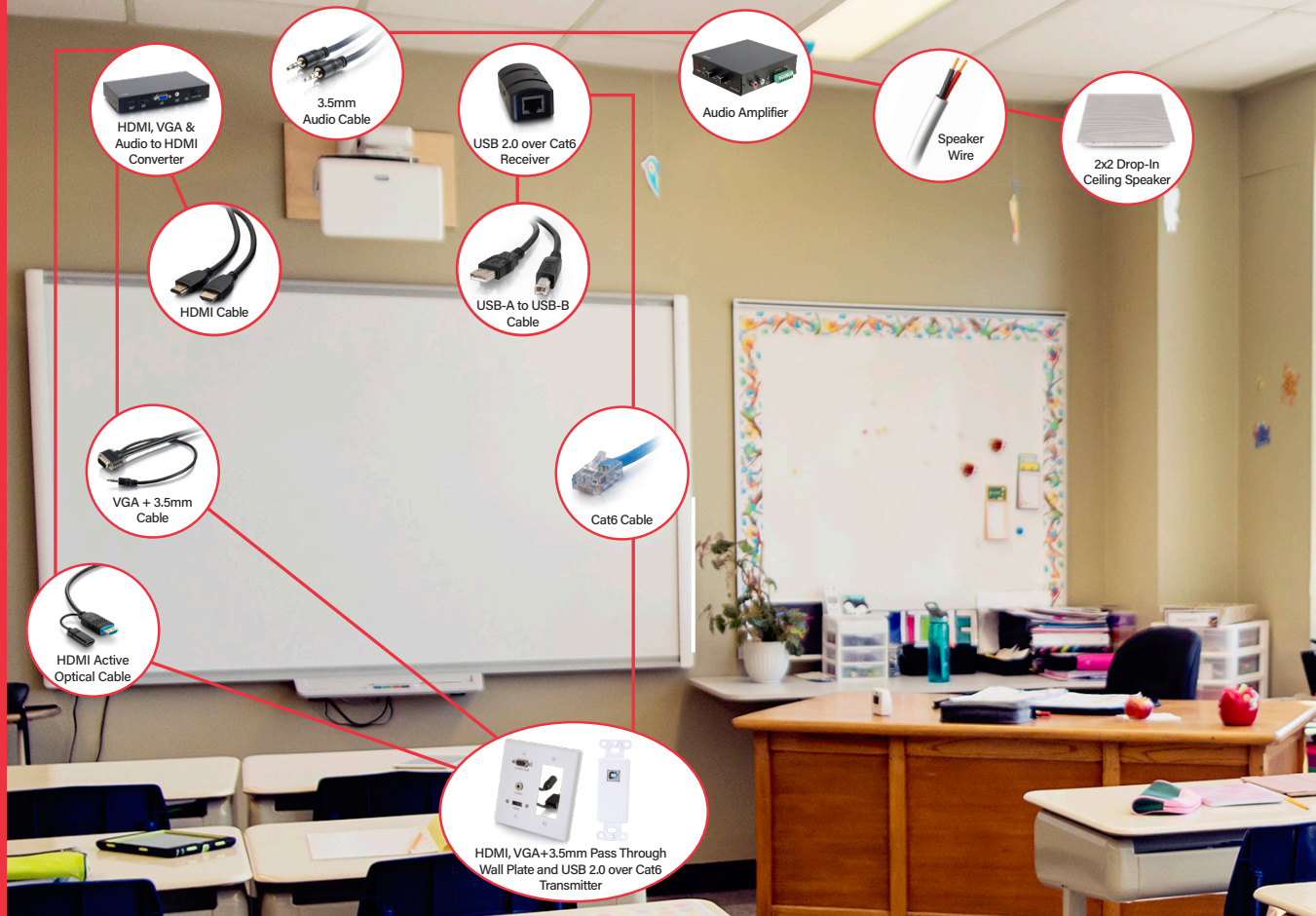### Connectivity from the teacher's desk to the wall plate

HDMI Cable from teacher's computer to pass through wall plate

VGA + 3.5mm cable from teacher's computer to pass through wall plate

USB-A to USB-C cable from teacher's computer to pass through wall plate

HDMI, VGA & Audio to HDMI Converter

3.5mm Audio Cable

USB 2.0 over Cat6 Receiver

Audio Amplifier

Speaker Wire

2x2 Drop-In Ceiling Speaker

HDMI Cable

USB-A to USB-B Cable

VGA + 3.5mm Cable

Cat6 Cable

HDMI Active Optical Cable

HDMI, VGA+3.5mm Pass Through Wall Plate and USB 2.0 over Cat6 Transmitter

BILL OF MATERIALS

Part #	Description
56783	6ft (1.8m) High Speed HDMI® Cable with Ethernet - 4K 60Hz
50225	6ft Select VGA + 3.5mm Stereo Audio A/V Cable M/M - In-Wall CMG-Rated
28102	2m (6.6ft) USB 2.0 A/B Cable - Black
39877	HDMI, VGA and 3.5mm Audio Pass Through Double Gang Wall Plate with One Decorative Cutout - White
54289	1-Port USB 2.0 Over Cat6 Wall Plate to Box Extender
C2G41480	15ft (4.5m) C2G Performance Series High Speed HDMI Active Optical Cable (AOC) - 4K 60Hz Plenum Rated
40176	25ft VGA + 3.5mm A/V Cable with Rounded Low Profile Connectors M/M - Plenum CMP-Rated

Part #	Description
40850	HDMI, USB-C, Mini DisplayPort, and VGA to HDMI Adapter Converter Switch
56782	3ft (0.9m) High Speed HDMI® Cable with Ethernet - 4K 60Hz
15285	25ft Cat6 Non-Booted UTP Unshielded Ethernet Network Patch Cable - Plenum CMP-Rated - Blue
28101	1m (3.3ft) USB 2.0 A/B Cable - Black
40515	15ft 3.5mm Stereo Audio Cable with Low Profile Connectors M/M - Plenum CMP-Rated
40100	Audio Amplifier (Plenum Rated)
40537	250ft Bulk 18 AWG Speaker Wire - Plenum CMP-Rated
41508	2x2 Drop in Ceiling Speaker - 8Ω - Plenum Rated

C2G
A brand of legrand

LEGRAND | AV COMMERCIAL BRANDS
C2G | Chief | Da-Lite | Luxul | Middle Atlantic | Vaddio | Wiremold