

SP18CAT120

**HDMI 2.0b (18Gbps) 120m 1:8
Splitter Extender over Cat cable**



8 RX Devices
Included

The SP18CAT120 is a HDMI 2.0b (18Gbps) over category cable splitter/extender that supports the entire HDMI 2.0b format including all versions of HDR and DolbyVision™. Other features include single ended power (powers from TX), 150m at 1080p (Cat6A), IR to and from RX, RS 232, EDID management, audio breakout, & HDMI loop out.

Features:

- HDMI 2.0b (18Gbps)
- HDR 8/10/10+ & Dolby Vision™ Support
- Single ended power (from TX)
- 120m @ 4K/150m @ 1080p (Cat6A)
- HDMI loop out
- 2-Way IR/RS232 return from RX to TX
- Supports HBR (High Bit Rate Audio)
- Coaxial S/PDIF & Phoenix Connector audio breakout
- Full EDID management

SIMPLIFIED
MFG

Specifications:

Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2 and HDCP 1.4
Video Bandwidth	18 Gbps
Video Resolutions	up to 4K2K@50/60Hz YUV4:4:4), 4K2K@30Hz, 1080P@120Hz, and 1080P 3D@60Hz
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2
Color Depth	10-bit, 12-bit
HDMI Audio Formats (Pass-through)	LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X
ESD Protection	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)
Connections	
Inputs	TX: 1 x HDMI Type A [19-pin female] 1 x RS232 [Phoenix jack] 1 x IR Input [3.5mm mini jack] RX: 1 x RJ45 In [RJ45] 1 x IR INPUT [3.5mm Stereo Mini-jack] 1 x Locking power input [not used] 1 x Service [Mini-USB jack]
Outputs	TX: 8 x Category Outputs [RJ45] 1 x IR OUTPUT [3.5mm Mono Mini-jack] 1 x HDMI Type A [19-pin female] 1 x 3.5mm mini jack [audio] 1 x Coaxial S/PDIF [audio] RX: 1 x HDMI Type A [19-pin female] 1 x IR Output [3.5mm mini jack] 1 x RS232 [Phoenix jack]
Mechanica	
Housing	Metal Enclosure
Color	Black
Dimensions	TX 440mm/17.32" [W] x 130mm/5" [D] x 44mm/1.75" [H] RX 140mm/5.5" [W] x 65mm/2.6" [D] x 18mm/0.7" [H]
Weight	TX 1620g/3.5 Lb. RX 246g/8.2 oz.
Power Supply	Input: AC100 - 240V 50/60Hz Output: DC 24V/3.75A (US/EU standards, CE/FCC/UL certified)
Power Consumption	72W (Max)
Op. Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)