

SP14CAT50

**HDMI 2.0b (18Gbps) 50m Splitter
Extender over Category cable**



The SP14CAT50 is a HDMI 2.0b (18Gbps) over category cable splitter/extender that supports the entire HDMI 2.0b format including all versions of HDR. Other features include single ended power (powers from TX), 70m at 1080p (Cat6A), IR return from RX to TX, EDID management, audio breakout, & HDMI loop out.

Features:

- HDMI 2.0b (18Gbps)
- HDR 8/10/10+ Support
- Single ended power (from TX)
- 50m @ 4K/70m @ 1080p (Cat6A)
- HDMI loop out
- IR return from RX to TX
- Supports HBR (High Bit Rate Audio)
- Coaxial S/PDIF & 3.5mm mini-jack audio breakout
- Supports all versions of Multi-Channel Audio
- Full EDID management
- 3-Year Warranty

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: 1x HDMI Type A [19-pin female] 1x RS232 [Phoenix jack] RX: 1x RJ45 In [RJ45] 1x IR INPUT [3.5mm Stereo Mini-jack] 1x Locking power input [not used] 1x Service [Mini-USB jack]
Outputs	TX: 4x Category Outputs [RJ45] 1x IR OUTPUT [3.5mm Mono Mini-jack] 1x HDMI Type A [19-pin female] 1x 3.5mm mini jack [audio] 1x Coaxial S/PDIF [audio] RX: 1x HDMI Type A [19-pin female]
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	TX 210mm/8.25" [W] x 100mm/4" [D] x 25mm/1" [H] RX 88mm/3.5" [W] x 61mm/2.4" [D] x 18mm/0.7" [H]
Weight	TX 595g/21 oz. RX 155g/5.5 oz.
Power Supply	Input: AC100 - 240V 50/60Hz Output: DC 12V/2.5A (US/EU standards, CE/FCC/UL certified)
Power Consumption	14W (Max)
Op. Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)