

UHD 4K/8K E-Series AVP 20GHz-12Gb/s Video Patchbays

Premium Patching Solution



Featuring:

- 20GHz, high bandwidth performance for SD-SDI, HD-SDI, UHD-SDI, HDR, 4K/8K video applications
- Compliant with SMPTE 292M, 424M, ST2081-1
- Meets and exceeds SMPTE ST2082-1:2015 (Society of Motion Picture and Television Engineers® 12 Gb/s Signal/Data Serial Interface - Electrical)
- available in 1RU, 1.5RU & 2RU; 2x24, 2x26 & 2x32 position

Model Number

AV - G2 - E - AE8KS -

Number of Jacks Across	
24	2x24 Single Video Jacks
26	2x26 Single Video Jacks
32	2x32 Single Video Jacks

Cable Bar Option	
BZ	No Cable Bar
B10	7.0" [175mm] Cable Bar

Panel Height		
1	1 Rack Unit	1.75", [44mm]
15	1.5 Rack Unit	2.62", [66mm]
2	2 Rack Unit	3.50", [89mm]

Ordering Information

Patchcords

- Ultra High Definition
- High quality cable & strain relief boots

Model Number

E8K|PC - -

Patchcord Type	Color
M4U Micro 12G Series Patchcord	BLACK
E8K Super 8K+ E-Series Patchcord	RED
W8K Super 8K+ W-Series Patchcord	GREEN
	BLUE
	PURPLE
	ORANGE

Patchcord Length	Color
1 1' [300mm]	example... E8KPC-3-RED
1.5 1.5' [450mm]	
2 2' [600mm]	
3 3' [900mm]	
4 4' [1.20m]	
6 6' [1.80m]	
10 10' [3.05m]	

Connectors meet or exceed 12G and utilize BELDEN 12GHz 4K UHD Precision Video Cable

12Gb/s UHD 4K/8K 75Ω Video Jacks

AE8KSL (Long)

AE8KSS (Short)

Rear termination: Fullsize 12Gb/s BNC

Note: 2x24 and 2x26 panels are populated with AE8KSS (short) single jacks. 2x32 panels are populated with 32 AE8KSL (long) & 32 AE8KSS (short) single jacks.

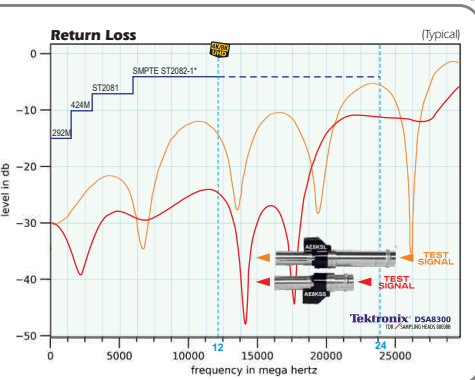
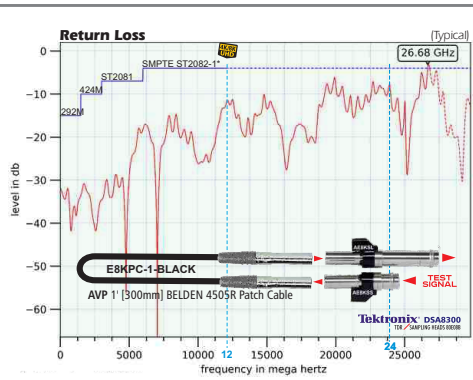
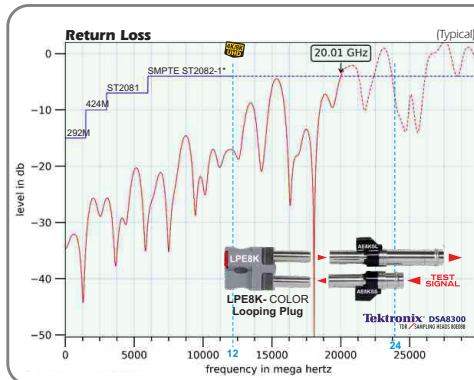
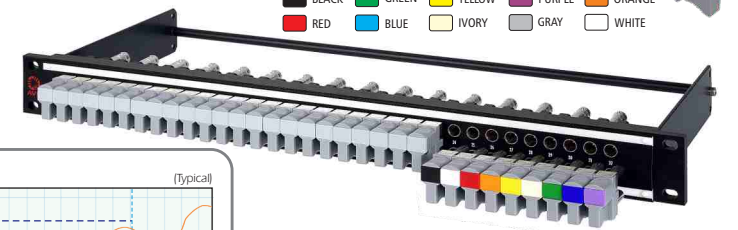
Panel Shown: AV-G232E1-AE8KS-B10 1RU 2x32 - 32 AE8KSL & 32 AE8KSS single jacks, 20GHz UHD 4K/8K 12Gb/s, non-normaled, non-terminating jacks, 7" [175mm] cable bar.

UHD 4K/8K Looping Plugs

- Ultra High Definition
- Finger grip hole for easy removal

Model Name: LPE8K-COLOR

BLACK	GREEN	YELLOW	PURPLE	ORANGE
RED	BLUE	IVORY	GRAY	WHITE



AVP UHD 4K/8K E-Series Video Jack Specifications

DC to 20GHz

Contact Resistance:	Inner Conductor ≤5mΩ, Outer Conductor ≥3mΩ
Insulation Resistance:	≥10GΩ
Voltage:	1KVef/60Hz
Impedance (BNC):	75Ω
Mating Cycles:	≥2500
Force to Engage:	Looping Plug 15 N - Straight Plug 10 N
Thermal & Climatic Characteristics:	Storage & Operating Temperature -40C up to +65C Moisture resistance according to MIL Spec. 202

* (DIN IEC 68-1 40155:21)

Warranty: 2 Years
Rear Termination: Full Size BNC, 12Gb/s