BZBGEAR BG-DA-12GS1X2 4K UHD 12G-SDI 1x2 Splitter/Distribution Amplifier

Technical	
SDI standard	SD/HD/3G/6G/12G-SDI
Multi-Rate Support	Auto detection of SD, HD, 3G, 6G or 12G Signals
SDI Compliance	SMPTE 424M, SMPTE 292M, SMPTE 344M, SMPTE 259M, DVB-ASI, ST-2081(6G), ST2082(12G)
SDI Data rates	1.485 / 2.97 / 5.94 / 11.88 Gbps
Video bandwidth	11.88Gpbs & 11.88/1.001Gbps
Output impedance	75 Ohm
Reclocking	Yes
Cable equalization	[12G] up to 70m (230ft) [6G] up to 100m (330ft) [3G] up to 180m (594ft)
Audio support	Yes
RP-198 pathological patterns	Immune
PCB stack-up	4-layer board [impedance control — differential 100 Ohm; single 75 Ohm]
Input	1x BNC [SDI]
Output	2x BNC [SDI]
BNC connector	75 Ohm inter-locked socket
Eye pattern characteristics[12G]	Amplitude: Within 800mV (<10%) Rise/Fall time: Less than 35ps Timing jitter: <1.0 UI (10Hz to 1188MHz) Alignment jitter: <0.3 (100KHz to 1188MHz)
Mechanical	
Housing	Metal enclosure
Dimensions [L x W x H]	Model: 3" x 1.7" x 1.1" [77 x 42 x 28 mm] Package: 6.4" x 4.4" x 1.7" [165 x 111 x 42mm]
Weight	Model: 3.1 oz [89g] Package: 0.7 lbs [316g]
Fixedness	Wall-mounting case
Power supply	5V 2A DC
Power consumption	2.5 Watts [max]
Operation temperature	32~104°F / 0~40°C
Storage temperature	-4~140°F / -20~60°C
Relative humidity	20~90% RH [no condensation]