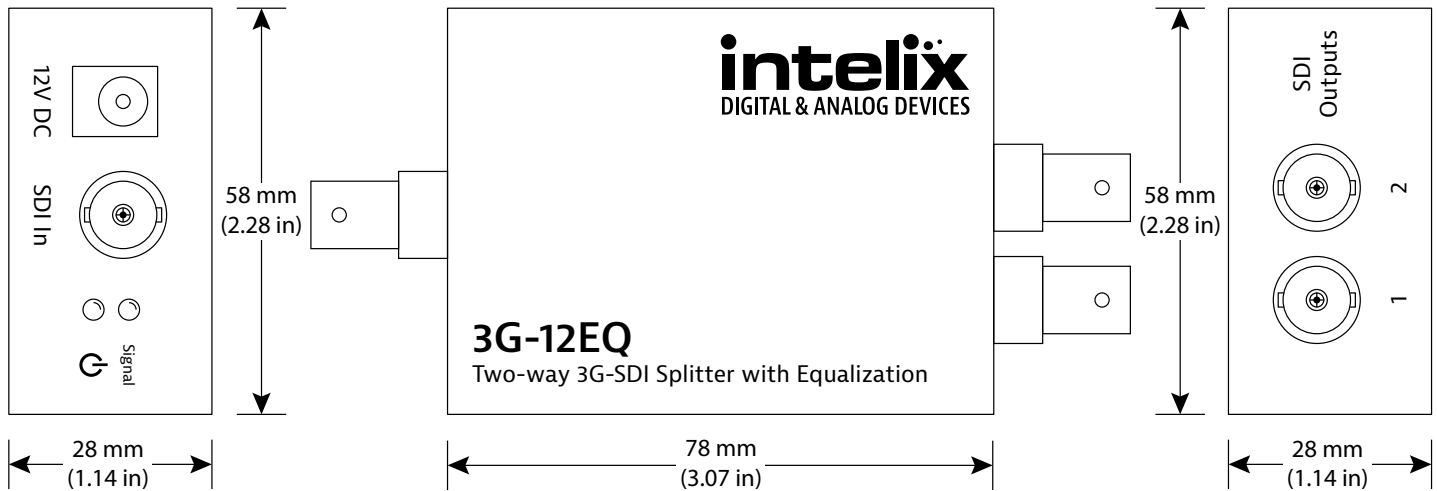


3G-12EQ Technical Specifications

Two-way 3G-SDI Splitter with Equalization
Rev 150402

The Intelix 3G-12EQ is a splitter with an SDI repeater circuit to reach long distances. Using RG59 cable, the 3G-12EQ can extend a 3G-SDI input signal up to 70 meters, an HD-SDI signal up to 110 meters, or an SD-SDI signal up to 240 meters.



Input/Output Connections	
SDI Input	One (1) Female BNC
SDI Output	Two (2) Female BNC
12V DC Power	One (1) Barrel (5.5 mm OD; 2.6 mm ID)
Video/Audio Performance	
SDI Resolutions	720x480i/p (4:3 and 16:9), 720x576i/p (4:3 and 16:9), 1280x720p: 50/60 Hz, 1920x1080i: 25/30 Hz, 1920x1080p: 50/60 Hz
SDI Compatibility	SD-SDI (SMPTE 259M), HD-SDI (SMPTE 292M), 3G-SDI (SMPTE 424M)
Maximum Input Distance (RG59)	SD-SDI: 240 m, HD-SDI: 110 m, 3G-SDI: 70 m
Supported Audio	Up to 8 channel PCM
Chassis and Environmental	
Enclosure Material	Painted Metal
Enclosure Dimensions (H x W x D)	28 mm x 78 mm x 58 mm (1.14 in x 3.07 in x 2.28 in)
Shipping Weight	0.2 kg (0.44 lbs)
Operating Temperature	0° to +48° C (+32° to +120° F)
Operating Humidity	10% to 90%, Non-condensing
Storage Temperature	-20° to +70° C (+14° to +158° F)
Storage Humidity	10% to 85%, Non-condensing
Power and Regulatory	
Power Supply Input	100V-240VAC / 50-60 Hz / 0.8A
Power Supply Output	12VDC / 2.0A
Power Consumption	24 watts (max)
ESD Protection	±15 kV
Product Regulatory	FCC, CE, RoHS
Power Supply Regulatory	UL, CUL, CE, PSE, GS, RoHS
Other	
Warranty	2 years
Diagnostic Indicators	SDI Input Signal, Power
Included Accessories	Wall Mount Power Supply, Power Supply Adapters (US, EU, UK, AU), Installation Guide

Distances and picture quality may be affected by cable grade, cable quality, source and destination equipment, RF and electrical interference, and cable patches.