

HD-SDI Extender over Coax

ITEM NO.: AB-SDI06 HD-SDI Coax Extender

AB-SDI06 designed is to extend the HD-SDI signal up to 300M by using 75Ω coax RG6U cable. The special feature is resolve the HD-SDI request high quality high bandwidth coax cable issue and allow to using existing old RG59 coax cable to send HD-SDI signal up to 125M when you updated the analog camera with HD-SDI Digital system.

It can offer real-time and un-compressed broadcasting video quality, up to 1080p resolution and comply with SMPTE 292 , in additional, This can be used in application fields which the camera side not easy to have local power. Such as HD CCTV, machine vision, medical/equipment inspection..etc.

AB-SDI06 HD-SDI Coax Extender

- Extend HD SDI signal over 75Ω coax cable up to 300M Max. (RG6U -Belden)
- Easy to replace analog system to HD-SDI over existing coaxial cable.
- Resolve the coax cable sensitive issue.
- Compact size for easy installation.
- Support HD-SDI (SMPTE 292M).
- Support video signal 720p, 1080i, 1080p.

Installation View:



SDI06 LED Indication :

Color	Item	AB-SDI06T	AB-SDI06R
Green	POWER	On : power on	
Blue	SIGNAL	On: Receive SDI signal	

Cable Distance :

1. RG6U 300M Max.
2. RG59 125M Max

Remark :

. This product not support 23.97 / 29.95 / 59.94 frequency.

Caution:

The cabling must away from any equipment with electromagnetic wave, i.e.: microwave, radio equipment, high voltage.

Specification:

ITEM No.	AB-SDI06T	AB-SDI06R
Support format	HD-SDI (SMPTE 292M)	
Support Resolution	720p@24/25/30/50/60Hz , 1080i@50/60Hz , 1080p@24/25/30Hz	
LED	LED Green x 1 , LED Blue x 1	
SDI input/output	BNC(M) x 1 (75Ω) 、 BNC(F) x 1 (75Ω)	
RS-485 output/ input	2 pin removable terminal x 1	
Power terminal	Ø 2.0 mm x 1	
Power Consumption	3W (Max)	
Power Adapter	DC 12V / 500mA	
Temperature	Operation: 0 to 55℃ , Storage: -20 TO 85℃ , Humidity: up to 95%	
Dimension mm	φ19.8 x 79 + 120mm power cord (φ 2.0mm)	
Weight g	45	

RoHS   

Rev.A