

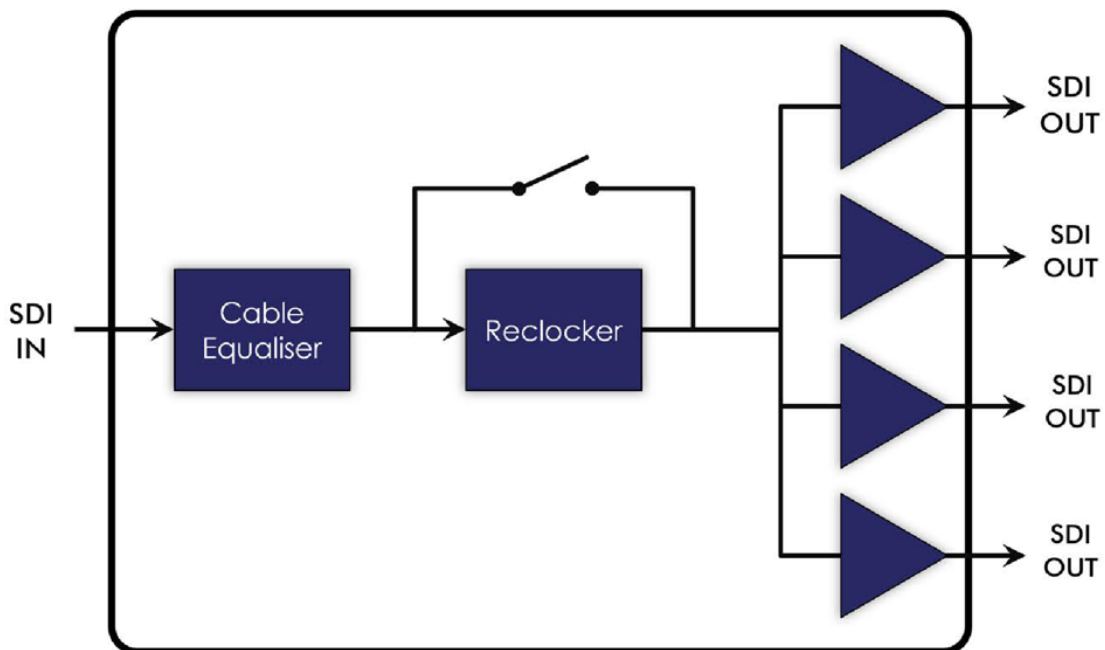
BN352 1 x 4 Distribution Amplifier



Description:

- **1 input, 4 outputs** with full reclocking for maximum signal integrity
- **Automatic input detection** with LED indicator for signal loss
- Supports a wide range of formats: **12G/6G/3G/HD/SD-SDI, MADI, ASI**
- **Cable equalisation** and reclocker bypass for non-standard data rates
- **12V DC power** via 4-pin XLR, ensuring reliable field operation
- Housed in a **compact, rugged enclosure**, ideal for **OB and portable applications**

BN352 Configuration



Specifications

Input	Connector	75 Ohm BNC per IEC 60169-8 Amendment 2
	Number	1
	Return Loss	<-15dB to 1.485GHz
		<-10dB to 3GHz
		<-7dB to 6GHz
		<-4dB to 12GHz
	Standards	SMPTE ST 2082, SMPTE ST 2081, SMPTE ST 424, SMPTE ST 292, SMPTE ST 259, DVB-ASI
	Equalisation	Automatic rate detection and cable equalisation. Typical Equalised length of 1694A:
		80m @ 11.88Gbps
		100m @ 5.94Gbps
		190m @ 2.97Gbps
		260m @ 1.485Gbps
		450m @ 270Mbps & 125Mb/s
Outputs	Connector	75 Ohm BNC per IEC 60169-8 Amendment 2
	Number	4
	Return Loss	<-15dB to 1.485GHz
		<-10dB to 3GHz
		<-7dB to 6GHz
		<-4dB to 12GHz
	Standards	SMPTE ST 2082, SMPTE ST 2081, SMPTE ST 424, SMPTE ST 292, SMPTE ST 259, DVB-ASI
	Polarity	Non-inverting
	Signal Level	800 mV +/- 10%
	DC Offset	0 +/- 0.5 V
Conformities	RoHS & WEEE	Complies with RoHS Directive 2011/65/EU, WEEE Directive 2012/19/EU
Power	Connector	XLR4
	Voltage	5-17VDC
	Power	TBC
General	LED Indication	Power / Signal Present
	Dimensions (HxWxD)	30 x 64 x 92mm (Excluding connectors)
	Weight	TBC
	Operating Temperature	0 to +70°C



Bluebell Opticom Limited,
Unit 2 The Quadrant,
Howarth Rd,
Maidenhead,
Berks,
SL6 1AP, UK
Tel: +44 (0) 1628 510055,
Email: sales@bluebell.tv
Website:www.bluebell.tv

