

Bandsplitters/Combiners

3329 Cable Headend Bandsplitters

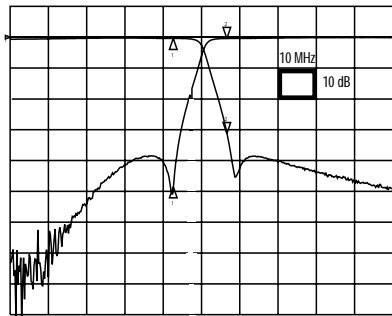


3329 Series

A bandsplitter separates a frequency spectrum into a low band and a high band. It can also be used to combine these high and low bands to a common output.

Splitters are AC/DC passing on the low band side only.

Series 3329 broadband cable bandsplitters include a model for almost any CATV or LAN application and reflect a design capability spanning baseband (4.2 MHz) to UHF (890 MHz). We will gladly quote your specifications for your special system or application.



Typical Frequency Response of
3329

Model	Passband (MHz)		Insertion Loss (Max)	Mutual Isolation (Min)
	Low	High		
3329-51.5(25)	0-48	54-450	3.0 dB	25 dB
3329-51.5(40)	0-48	54-450	3.0 dB	40 dB
3329-42/54(750)	5-42	54-750	3.0 dB	30 dB
3329-42/54(1000)	5-42	54-1000	3.0 dB	30 dB
3329-88/102	5-88	102-750	3.0 dB	30 dB
3329-98	5-88	108-300	3.0 dB	25 dB
3329-130	5-110	170-450	3.0 dB	30 dB
3329-186/222	5-186	222-550	3.0 dB	40 dB
3329-M/S	5-174	216-420	3.0 dB	30 dB
3329-260/300	50-260	300-550	3.0 dB	30 dB

Mechanical Specifications:

Baseplate Dimensions: 4" x 1.5"

Baseplate Dimensions: 6.125" x 2.25" for models 3329-VB, 3329-42/54 (750), 3329-42/54 (1000) & 3329-51.5(40)

Rack Mount Available Upon Request

Connectors: 75 ohm - Type "F"

3329 VB - Baseband Splitter:

Specifications:

Passbands: 0-4.2 MHz
4.5-10 MHz

Insertion Loss:

Lowband 6 dB Max (5 dB Typ)
Highband 4 dB Max (3 dB Typ)

Lowband Delay Variation: 75 ns Max
0 to 3.58 MHz 50 ns Typ

Passband Return Loss: 12 dB Min

Mutual Isolation: 25 dB Min (30 dB Typ)

Impedance: 75 ohms

Connectors: Type F female or BNC female