

Model: CD-9002-3R
Dimensions: 5.25"H x 19.0"W x 5.75"D
 (13.34H x 48.26W x 14.6D cm)

Indoor Channel Deletion Filters (Analog & QAM):

Application:

ATX's channel deletion filters will delete an entire channel and allow a new channel to be reinserted.

Features:

- ▶ Wide operating bandwidth
- ▶ Temperature stable
- ▶ Low frequency vibration stable
- ▶ Final production graph available on request
- ▶ "F" type connectors standard
- ▶ Rack (1 or 2RU) or wall mount "single unit" solution
- ▶ Rack mount units available with 2 or 3 filters in series
- ▶ The high performance of this filter will not degrade the adjacent channels
- ▶ Exceptionally low insertion loss 8 Element design
- ▶ Fully integrated deletion or brick wall filter(s) & insertion point (directional coupler)
- ▶ Allows users to delete a portion of the CATV spectrum & locally re-insert desired analog or digital channels
- ▶ Custom designs available on request



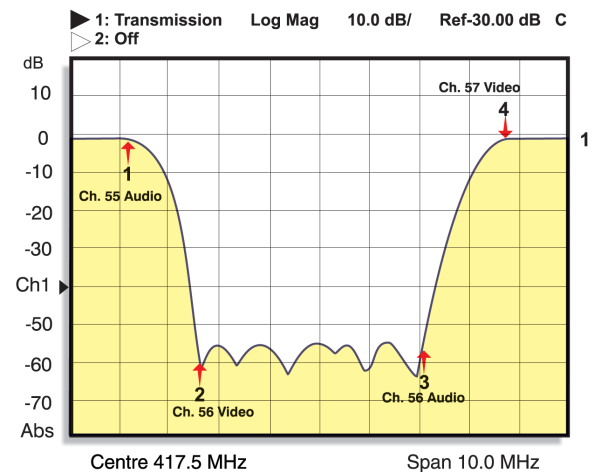
Model: CD-9002-R
Dimensions: 1.75"H x 19.0"W x 5.75"D
 (4.45H x 48.26W x 14.6D cm)



Model: CD-9002-W
Dimensions: 1.75"H x 13.0"W x 6.25"D
 (4.45H x 33.0W x 15.88D cm)

Analog Technical Specifications

SPECIFICATIONS		
BANDWIDTH		5-1000 MHz
CHANNEL REJECTION		> 55 dB
RETURN LOSS		> 16 dB*
IMPEDANCE		75 Ohms
TEMPERATURE RANGE		+5°C to +35°C (+41°F to +95°F)
PASSBAND INSERTION LOSS TYPICAL		< 1.5 dB
CHANNELS 2 to 30 (Insertion Loss)	LOWER ADJACENT AUDIO	3 dB
	UPPER ADJACENT VIDEO	3 dB
CHANNELS 31 to 78 (Insertion Loss)	LOWER ADJACENT AUDIO	3.5 dB
	UPPER ADJACENT VIDEO	3.5 dB
CHANNELS > 78 (Insertion Loss)	LOWER ADJACENT AUDIO	4 dB
	UPPER ADJACENT VIDEO	4 dB
NOTE: * This does not apply within 20 MHz (average) from the channel being deleted.		



Indoor Channel Deletion Filters (Analog & QAM):

Ordering Information (Analog)

Part Number	Description
CD-9002-R	Analog Spectrum Channel Deletion - Rack Mount
CD-9002-W	Analog Spectrum Channel Deletion - Wall Mount
CD-9002-2R	Analog Spectrum Two Channel Deletion Filters - Rack Mount
CD-9002-3R	Analog Spectrum Three Channel Deletion Filters - Rack Mount
CD-9002-IPR	Analog Spectrum Channel Deletion Filter, 16 dB Insertion - Rack Mount
CD-9002-IPW	Analog Spectrum Channel Deletion Filter, 16 dB Insertion - Wall Mount
CD-9002-W-LR	Analog Spectrum Channel Deletion Filter with Lower Rejection (>35 dB)

Ordering Information (QAM)

Part Number	Description
CD-9002Q-R	Digital Spectrum Channel Deletion - Rack Mount
CD-9002Q-W	Digital Spectrum Channel Deletion - Wall Mount
CD-9002Q-2R	Digital Spectrum Two Channel Deletion Filters - Rack Mount
CD-9002Q-3R	Digital Spectrum Three Channel Deletion Filters - Rack Mount
CD-9002Q-IPR	Digital Spectrum Channel Deletion Filter, 16 dB Insertion - Rack Mount
CD-9002Q-IPW	Digital Spectrum Channel Deletion Filter, 16 dB Insertion - Wall Mount
CD-9002Q-W-LR	Digital Spectrum Channel Deletion Filter with Lower Rejection (>35 dB)

ORDERING NOTES:

***Values MUST be specified by customer at time of ordering:**

DC (Deleted Channel) = channel #, analog OR digital

LAC (Lower Adjacent Channel) = analog OR digital

HAC (Higher Adjacent Channel) = analog OR digital

IC (Inserted Channel) = analog OR digital

CT (Channel Table) = Standard OR HRC

EXAMPLE:

Part #: CD-9002-R

Specified by Customer: DC=37 digital, LAC=analog, HAC=analog, IC=digital, CT=Standard

