

# ADB-CEC-DT6-UM

250W, UHF 2"/50.8mm Mask Filter  
ATSC/DVB-T/ISDB-T



## Product Description

The ADB-CEC-DT6-UM 2"/50.8mm Mask Filter is designed to provide superior mask filter performance at an affordable price. Cross coupling creates steep rejection skirts and the high-Q cavities provide low passband insertion loss in a compact design.

### TYPICAL DVB-T SPECIFICATIONS

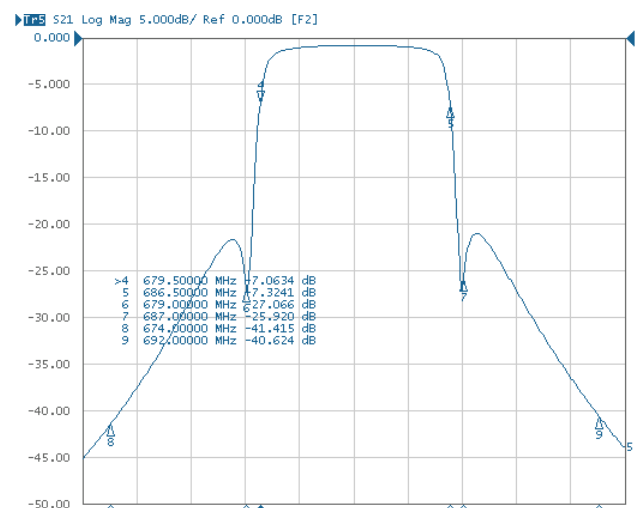
FREQUENCY	470-860 MHz
BANDWIDTH	$F_c \pm 3.80$ MHz
INSERTION LOSS	
$F_c$	0.70 dB
$F_c \pm 3.80$ MHz	1.75 dB
VSWR	1.12:1
REJECTION	
$F_c \pm 4.2$ MHz	3 dB
$F_c \pm 6.0$ MHz	16 dB
$F_c \pm 12$ MHz	36 dB
GROUP DELAY	175 ns
CONNECTORS	DIN 7-16 Female

### TYPICAL ISDB-T SPECIFICATIONS

FREQUENCY	470-860 MHz
BANDWIDTH	$F_c \pm 2.79$ MHz
VSWR	1.12:1
CONNECTORS	DIN 7-16 Female

### TYPICAL ATSC SPECIFICATIONS

FREQUENCY	470-860 MHz
BANDWIDTH	$F_c \pm 2.69$ MHz
INSERTION LOSS	
$F_c$	0.95 dB
$F_c \pm 2.69$ MHz	1.60 dB
VSWR	1.12:1
REJECTION	
$F_c \pm 3.5$ MHz	7 dB
$F_c \pm 4.0$ MHz	22 dB
$F_c \pm 9$ MHz	36 dB
GROUP DELAY	200 ns
CONNECTORS	DIN 7-16 Female



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