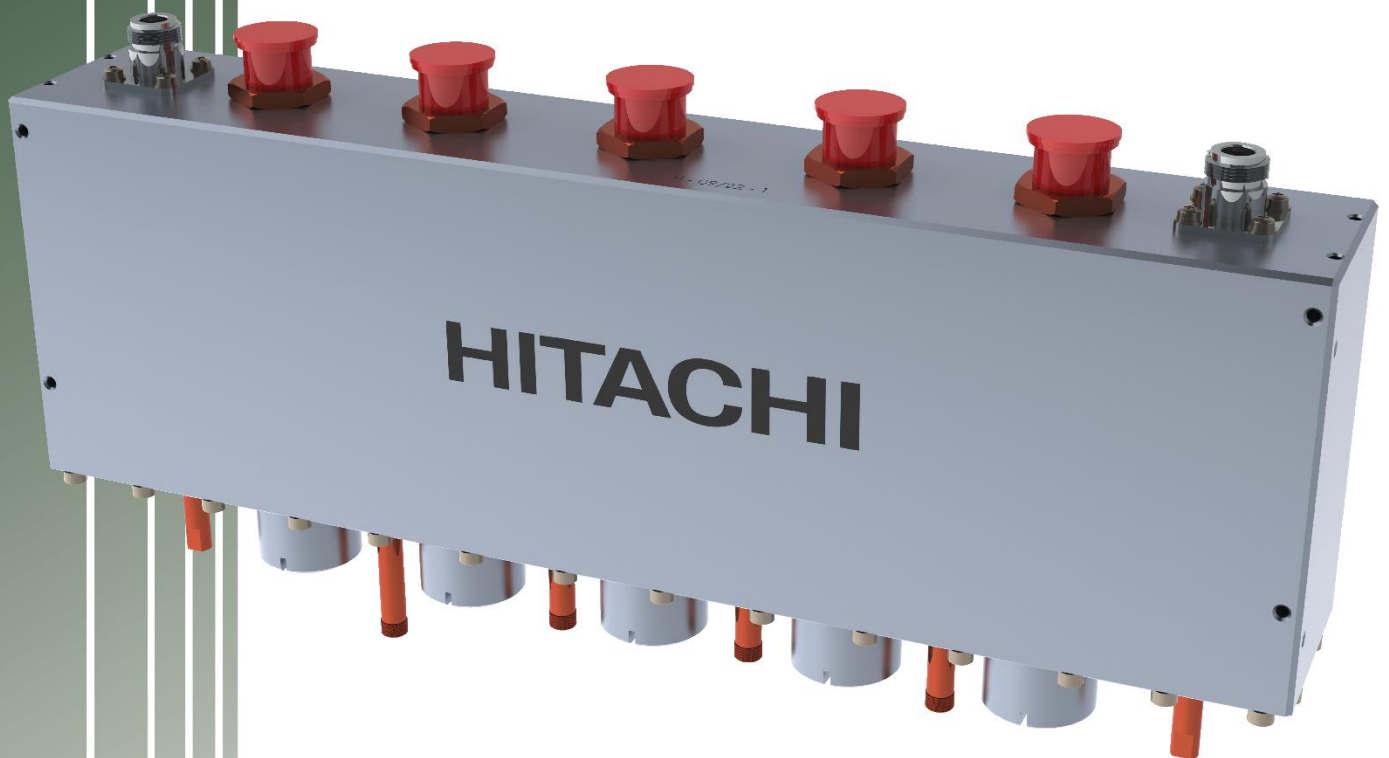


**MOD GV 40143**  
**UHF Digital Filter**  
**5-Poles - 80 Watts**



## MOD GV 40143 – UHF Digital Filter – 5-Poles – 80 Watts

Digital TV standard: ISDB-T. Adjustable for ATSC1.0, ATSC3.0 and DVB-T.

UHF channel: 14 to 51 (470 to 700 MHz)

Max input power: 80 Watts RMS

5-Poles

DC Short

Temperature stabilization (Pre drift)

In / Out connectors: N-Female

## Technical Characteristics for ISDB-Tb

### Frequency characteristics

Band width (BW) 5,58 MHz

Insertion loss @ FC  
 @470 MHz: -0,9 dB  
 @584 MHz: -1 dB  
 @700 MHz: -1,15 dB

Channel loss  
 @ BW = 5,58 MHz  
 @470 MHz: -1,15 dB  
 @584 MHz: -1,35 dB  
 @700 MHz: -1,45 dB

Insertion  
 @ FC = ±2,79 MHz  
 @470 MHz: -0,7 dB  
 @584 MHz: -0,8 dB  
 @700 MHz: -0,95 dB

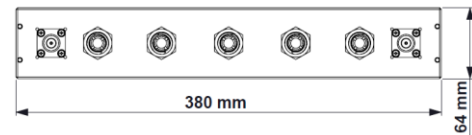
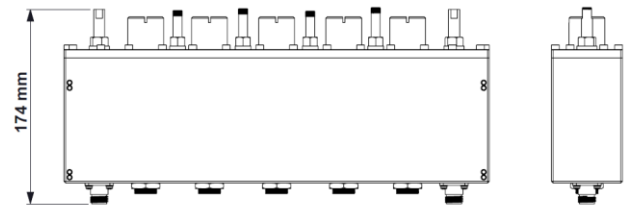
### Operating characteristics

Operating altitude Up to 2500 meters  
 (8200 ft) above sea level

Environment temperature range -5°C to + 45°C  
 +25°C recommended

Environment humidity range 0 to 95 % non-condensing

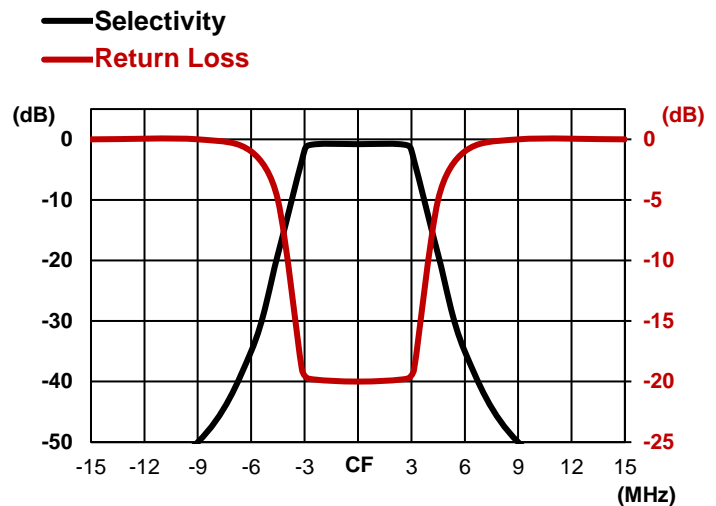
### Dimensions



Weight: 4,5 Kg (9,9 lb)

### Selectivity and Return Loss

Frequency	Minimum	Typical
CF - 15,00 MHz	-48 dB	-49 dB
CF - 9,00 MHz	-48 dB	-49 dB
CF - 4,50 MHz	-17,2 dB	-18 dB
CF - 3,15 MHz	-0,5 dB	-2,5 dB
CF + 3,15 MHz	-0,5 dB	-2,5 dB
CF + 4,50 MHz	-18 dB	-19 dB
CF + 9,00 MHz	-48 dB	-49 dB
CF + 15,00 MHz	-48 dB	-49 dB
2x CF	30 dB	60 dB
BW (Input)	-20 dB	-22 dB
BW (Output)	-19 dB	-20 dB



## Hitachi Kokusai Linear Equipamentos Eletrônicos S/A.

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