

# DP706869H (764-806 MHz)

700 MHz Broadband Window Filter Duplexer

## ELECTRICAL SPECIFICATIONS

### Frequency Range, MHz

Transmitter passband 764-776

Receiver passband 794-806

Isolation (min), dB	50
@ 764-776 MHz	>80 dB
@ 794-806 MHz	>70 dB

Transmitter Loss (max), dB 1.0

Receiver Loss (max), dB 1.0

Transmitter Return Loss (min), dB 19

Receiver Return Loss (min), dB 14

Impedance, Ohms 50

Power Rating, Watts 400

## MECHANICAL SPECIFICATIONS

Construction/Finish Aluminum/Black

Input Connector N(F) or 7/16 DIN

Mounting EIA 19-inch Rack

Temperature Range, degrees -30 to +60 C

## DIMENSIONS

Width, in(mm) 19 (482.6)

Height, in(mm) 3.5 (88.9)

Height, RU 2

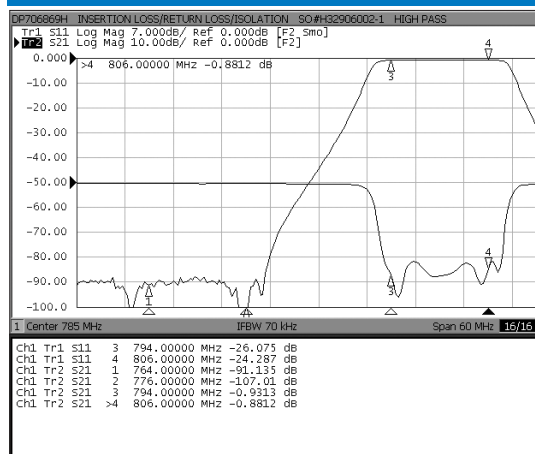
Depth, in(mm) 12 (304.8)

NOTE: DIN model available (M# DP706869D)

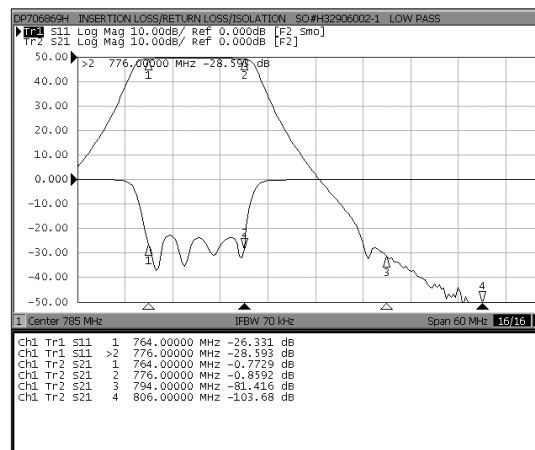
## FEATURES AND BENEFITS

- High power duplexer with a compact design.
- 2 RU, 19-inch rack mountable.
- For multiple channel base station applications.
- To be used with TX cavity combiner system.
- High isolation (high pass/low pass).

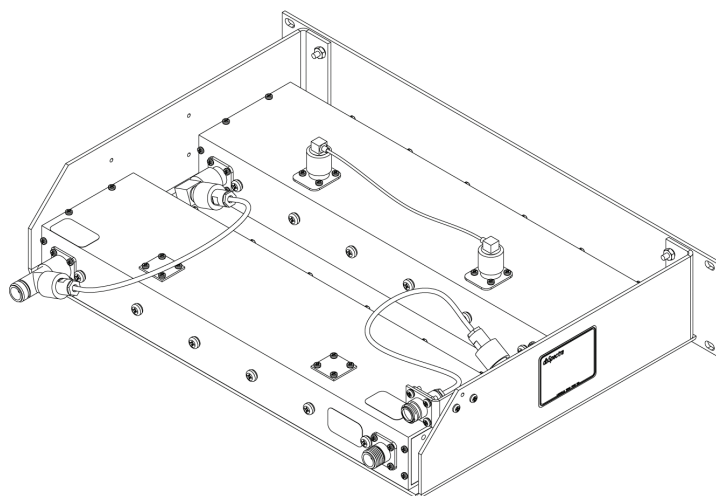
## SELECTIVITY CURVE



High Pass (typical)



Low Pass (typical)



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