



Model Number C1970 Ultra-Linear Bandpass Filter

Rev. D
02/27/13

Features:

- Ultra Linear Phase and Group Delay
- Cavity Design
- Space Qualified
- Low Loss

Applications:

- Data Link
- Satellite
- Test Equipment

Package Size:

- 0.75" x 1.25" x 4.0"
(Please see outline for exact dimensions)

Weight:

- 2.4 oz., 0.15 lb.



Specifications: (+25° C)

Passband	6468 to 6588 MHz
Insertion Loss	3.0 dB Maximum
Passband Ripple	0.3 dB Maximum
Group Delay Variation	3.0 nS Maximum
VSWR	1.5:1 Maximum
Rejection	10 dBc at $F_o \pm 87$ MHz 45 dBc at $F_o \pm 147$ MHz 61 dBc at $F_o \pm 207$ MHz
Connectors	SMA Female per MIL-C-39012
Operating Temperature	-20° to +85° C



Delta Microwave

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Delta Microwave's Quality Management System has been assessed by NSF-ISR and found to be in conformance with AS9100:2009, Rev. C. Delta Microwave reserves the right to change specifications without notice. Please verify specification revision letter upon order placement.

Written By	Approved By
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