



## WIRELESS PRODUCTS

### 700 MHz Band Filter Series

**Model Number: CCRF-174**  
**700 MHz, Upper C Block, Downlink Filter**

PARAMETER	SPECIFICATION
FREQUENCY RANGE	746 – 757 MHz
INSERTION LOSS	1.0 dB Max
RETURN LOSS	20 dB Min
STOPBAND REJECTION	
698 – 740 MHz	60 dB Min
776 – 896 MHz	60 dB Min
CONNECTORS	Type 'N' Female
DIMENSIONS	10.7 x 5.2 x 3.4"
WEIGHT	Approx 8 lbs

**Model Number: CCTF-191**  
**700 MHz, Upper C Block, Uplink Filter**

PARAMETER	SPECIFICATION
FREQUENCY RANGE	776 – 787 MHz
INSERTION LOSS	1.0 dB Max
RETURN LOSS	20 dB Min
STOPBAND REJECTION	
698 – 757 MHz	60 dB Min
824 - 896 MHz	60 dB Min
CONNECTORS	Type 'N' Female
DIMENSIONS	6.5 x 4.1 x 3.4"
WEIGHT	Approx 5 lbs

**Model Number: CCCF-114**  
**700 MHz, Fullband Filter**

PARAMETER	SPECIFICATION
FREQUENCY RANGE	698 - 806 MHz
INSERTION LOSS	1.0 dB Max
RETURN LOSS	20 dB Min
STOPBAND REJECTION	
824 - 896 MHz	30 dB Min
CONNECTORS	Type 'N' Female
DIMENSIONS	9.3 x 4.6 x 3.4"
WEIGHT	Approx 9 lbs

**Model Number: CCCF-118**  
**700 MHz, Fullband Filter, Low Side Reject**

PARAMETER	SPECIFICATION
FREQUENCY RANGE	698 - 806 MHz
INSERTION LOSS	1.0 dB Max
RETURN LOSS	20 dB Min
STOPBAND REJECTION	
824 - 896 MHz	30 dB Min
DC - 696 MHz	20 dB Min
CONNECTORS	Type 'N' Female
DIMENSIONS	9.3 x 4.6 x 3.4"
WEIGHT	Approx 9 lbs

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### Model Number: CCCF-119 Filter, 740 – 800 MHz

PARAMETER	SPECIFICATION
FREQUENCY RANGE	740 - 800 MHz
INSERTION LOSS	1.0 dB Max
RETURN LOSS	20 dB Min
STOPBAND REJECTION	
806 - 896 MHz	30 dB Min
DC – 696 MHz	30 dB Min
CONNECTORS	Type 'N' Female
DIMENSIONS	9.3 x 4.6 x 3.4"
WEIGHT	Approx 9 lbs

### Model Number: CCCF-149 Filter, 698 - 746 MHz

PARAMETER	SPECIFICATION
FREQUENCY RANGE	698 - 746 MHz
INSERTION LOSS	1.0 dB Max
RETURN LOSS	20 dB Min
STOPBAND REJECTION	
806 - 896 MHz	30 dB Min
DC – 696 MHz	20 dB Min
CONNECTORS	Type 'N' Female
DIMENSIONS	9.3 x 4.6 x 3.4"
WEIGHT	Approx 9 lbs

### Model Number: CCCF-120-1 700 MHz, Lower A Full Band Filter

PARAMETER	SPECIFICATION
FREQUENCY RANGE	698 - 734 MHz
INSERTION LOSS	1.0 dB Max
RETURN LOSS	20 dB Min
STOPBAND REJECTION	
776 - 896 MHz	30 dB Min
CONNECTORS	7/16 DIN Female
DIMENSIONS	9.3 x 4.6 x 3.4"
WEIGHT	Approx 9 lbs

### Model Number: CCTF-192-1 700 MHz, Lower A Band Downlink Filter

PARAMETER	SPECIFICATION
FREQUENCY RANGE	728 - 734 MHz
INSERTION LOSS	1.0 dB Max
RETURN LOSS	20 dB Min
STOPBAND REJECTION	
DC - 704 MHz	60 dB Min
776 - 894 MHz	60 dB Min
CONNECTORS	7/16 DIN Female
DIMENSIONS	6.5 x 4.1 x 3.4"
WEIGHT	Approx 4 lbs

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### Model Number: CCRF-176-1 700 MHz, Lower A Band Uplink Filter

PARAMETER	SPECIFICATION
FREQUENCY RANGE	698 - 704 MHz
INSERTION LOSS	1.0 dB Max
RETURN LOSS	20 dB Min
STOPBAND REJECTION 728 - 894 MHz	30 dB Min
CONNECTORS	7/16 DIN Female
DIMENSIONS	6.5 x 4.1 x 3.4"
WEIGHT	Approx 4 lbs

### Model Number: CCRF-196 700 MHz, Lower B/C Band Uplink Filter

PARAMETER	SPECIFICATION
FREQUENCY RANGE	704 - 716 MHz
INSERTION LOSS	1.0 dB Max.
RETURN LOSS	20 dB Min.
STOPBAND REJECTION 728 - 746 MHz	30 dB Min
CONNECTORS	Type 'N' Female
DIMENSIONS	10.7 x 5.13 x 3.4"
WEIGHT	Approx 8 lbs

### Model Number: CCTF-199 700 MHz, Lower B/C Band Downlink Filter

PARAMETER	SPECIFICATION
FREQUENCY RANGE	734 - 746 MHz
INSERTION LOSS	1.0 dB Max.
RETURN LOSS	20 dB Min.
STOPBAND REJECTION 698 - 716 MHz	30 dB Min
CONNECTORS	Type 'N' Female
DIMENSIONS	10.7 x 5.13 x 3.4"
WEIGHT	Approx 8 lbs

### Model Number: CCRF-198 700 MHz, Lower C Band Uplink Filter

PARAMETER	SPECIFICATION
FREQUENCY RANGE	710 - 716 MHz
INSERTION LOSS	1.0 dB Max.
RETURN LOSS	20 dB Min.
STOPBAND REJECTION 734 - 746 MHz	30 dB Min
CONNECTORS	Type 'N' Female
DIMENSIONS	10.7 x 5.13 x 3.4"
WEIGHT	Approx 8 lbs

**Other models made available upon request, please contact factory**

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