



# 694-3800MHz Low PIM Medium and High Power Coaxial Load

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CCI 694-3800MHz terminations are designed to terminate coaxial lines using low PIM cable coil element, contained within a carefully matched coaxial housing. With high power capability, the average power rating is 50W, 100W and 200W. Standard connectors are 7.16 DIN or 4.3-10.

## Wideband Termination with high reliability

### Electrical and Mechanical Specifications

Electrical Specifications	
Passband	694 – 3800 MHz
VSWR at input port	Better than 1.25:1
Power Handling per input	200 Watts Average
Power Handling per input	100 Watts Average
Power Handling per input	50 Watts Average
PIM IM3 @ 2 x 20W carriers	<-160dBc
Common Specifications	
RoHS	Compliant
Impedance	50 Ohms
Operating Temperature	-20 to +65 deg. C
Connectors	7.16 DIN (Male) or 4.3-10 (Male)
Dimensions (main body excl connectors) 200W Weight	255 x 208 x 99mm 4.2kg
Dimensions (main body excl connectors) 100W Weight	189 x 100 x 75mm 1.8kg
Dimensions (main body excl connectors) 50W Weight	52mm diameter x 192mm 1.2kg
Protection Rating	IP 67

#### Contents

General Info and 1  
Electrical & Mechanical  
Specifications

#### Features:

- Wideband
- Low VSWR
- Low PIM
- Full band to 3800MHz

### Part Numbers:

200W Model: 41.00650.19.00 (7.16DIN-M)
100W Model: 41.00656.19.00 (7.16DIN-M)
100W Model: 41.00656.19.01 (4.3-10-M)
50W Model: 8715370 (7.16DIN-M)
50W Model: 8715380 (4.3-10-M)

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