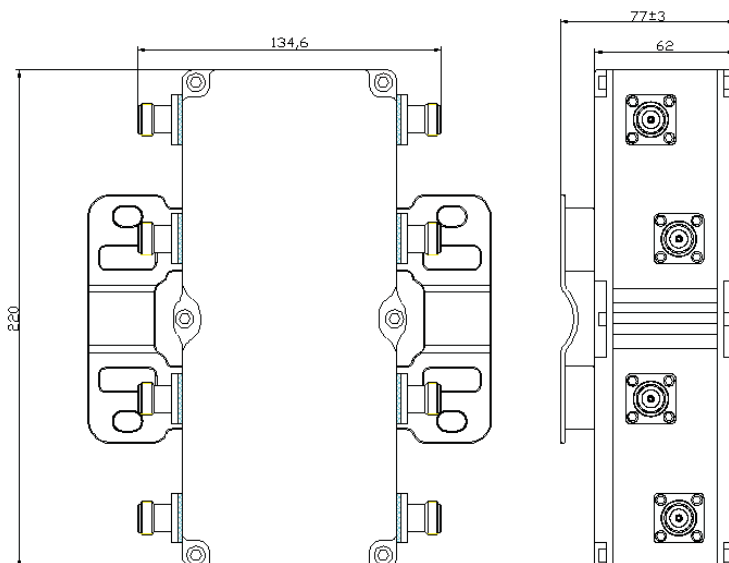


This model was previously released as AHC-07-ML-44-NF-CC.

## HC-7ML44-NF-CC

6.8 dB Hybrid Coupler | 698-2700 MHz | 4 in 4 out | N Female

Electrical Characteristics	
Frequency Range	698-2700 MHz
Insertion Loss	$\leq 6.1 \pm 0.9$ dB
Isolation	$\geq 23$ dB
In-Band Ripple	$\pm 0.8$ dB
PIM3 (2x43 dBm)	$\leq -153$ dBc
VSWR	$\leq 1.25$
Power Rating (average)	$\leq 300$ W
Peak Power	$\leq 1$ kW
Impedance	50 $\Omega$
Mechanical Characteristics	
Connectors	N Female
Dimensions (L x W x D; with connectors)	220 x 134.6 x 62 mm (8.7 x 5.3 x 2.4 in)
Weight	2.15 kg (4.7 lbs)
Environmental Characteristics	
Operating Temperature	-35° C to +75° C (-31° F to +167° F)
Operating Humidity	Up to 100%
Operating Air Pressure	70-106 kPa
Protection	IP65
Packaging Characteristics	
Packaging Dimensions	264 x 212 x 122 mm (10.4 x 8.3 x 4.8 in)
Packaging Weight	2.26 kg (5.0 lbs)



Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.