

**Technical & Mechanical Specifications**

Item No.	<u>DC698-4000 Coupler</u>					
Frequency Range	<u>698-4000MHz</u>					
Coupling(dB)	5	6	7	8	10	12
Coupling Loss (dB)	±0.9	±0.9	±1.0	±1.1	±1.2	±1.2
Insertion Loss (dB)	≤2.3	≤1.76	≤1.47	≤1.42	≤0.96	≤0.94
Isolation(dB)	≥23	≥24	≥25	≥26	≥28	≥30
Coupling(dB)	13	15	20	25	30	40
Coupling Loss (dB)	±1.2	±1.2	±1.3	±1.3	±1.5	±1.7
Insertion Loss (dB)	≤0.6	≤0.44	≤0.34	≤0.32	≤0.3	≤0.3
Isolation(dB)	≥31	≥33	≥38	≥43	≥48	≥55
VSWR	≤1.3					
PIM(dBc, @2*43dBm)	≤-155dBc/-160dBc					
Power(W)	200/300/500W					
RF Connector:	N-F/4.3-10 F/DIN-F/					
Impedance(Ω)	50					

**Environmental Specifications**

Operating Temperature(°C)	-35° C to +75° C		
Relative humidity	≤95%		
Applications	Indoor/Outdoor		
Waterproof Grade	IP65		

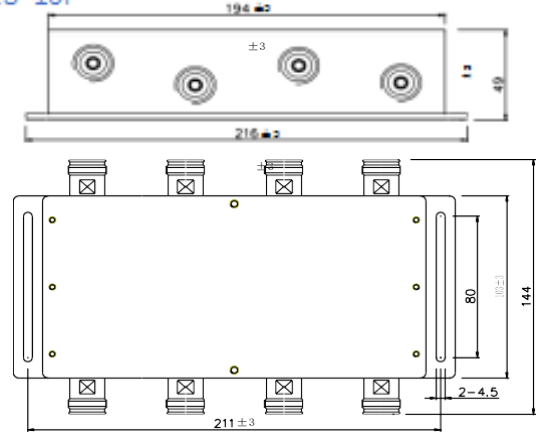
**Dimensions**

RF Connector:	N-F	4.3-10F	DIN-F
Weight(g)	≤400	≤410	≤460
colour	black		

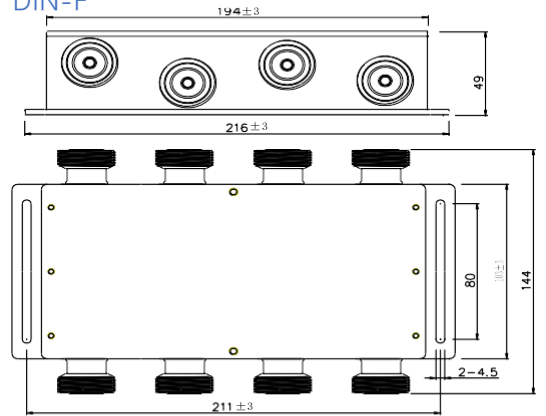
**3D model**



4.3-10F



DIN-F



N-F

