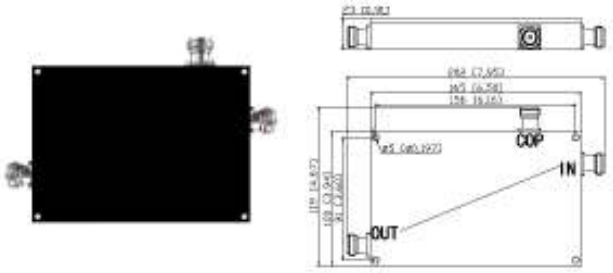
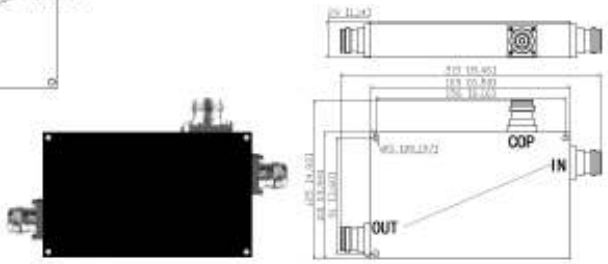
Sunny, Directional Coupler, 138-960MHz, 300-500W, 6-30dB, N(F) or 4.3-10(F)

Model : SUN-DC-138'960-XXX-YY-ZZ

Where XXX is Power Value – 300W for N(F), 500W for 4.3-10(F)
YY is Coupling Value – 6, 10, 15, 20, 25, 30dB
ZZ is Connector Type – NF for N(F), 43101F for 4.3-10(F)



N Type



4.3-10 Type

Model	SUN-DC-138'960-XXX-YY-ZZ					
Frequency Range	138-960MHz					
Coupling (dB)	6±1.5	10±1.7	15±1.7	20±1.7	25±2.0	30±2.0
Insertion Loss (dB)	≤1.8	≤1.2	≤0.5	≤0.4	≤0.4	≤0.3
Isolation (dB)	≥24	≥28	≥33	≥38	≥43	≥45
Power Rating (W) N(F) 4.3-10(F)	 300 500					
Peak Power (W) N(F) 4.3-10(F)	 1200 1500					
IM3 (dBc@2x43dBm)	-150					
VSWR	≤1.25					
Impedance (Ω)	50					
RF Connector	N(F) or 4.3-10(F)					
Application	IP65					
Operating Temperature (°C)	-40 ~ +80					
Operating Humidity (%)	≤95					
Size* (mm) N(F) 4.3-10(F)	 165x100x23 165x100x29					
Net Weight (g) N(F) 4.3-10(F)	 870±20 1240±20					
RoHS	Compliance					

*Excluded connectors

Technical data are subjected to change without notice – File: SUN-DC-138'960-XXX-YY-ZZ datasheet 2022V1.0