



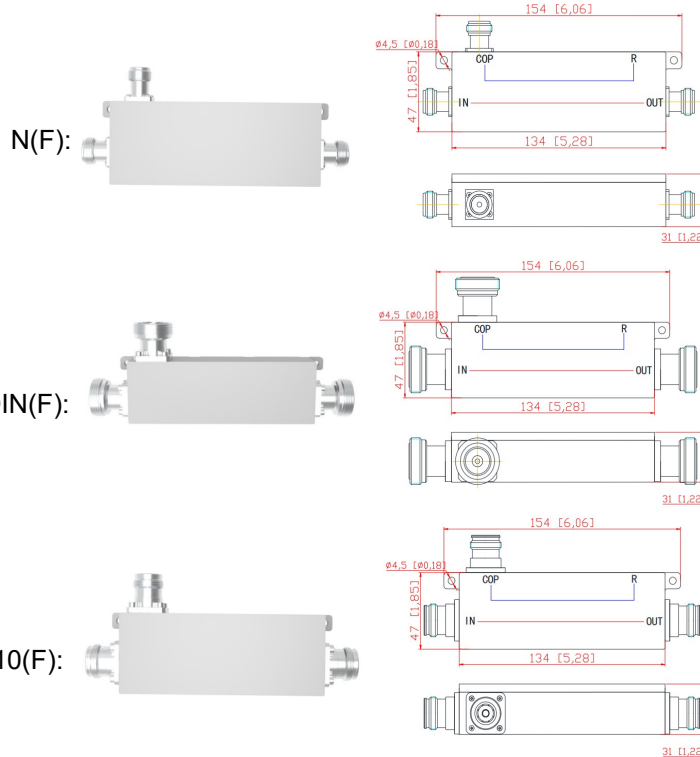
Sunny Directional Coupler for 600-3800MHz, 300/500W, N(F)/DIN(F)/4.3-10(F)

Model : SUN-DC-638-XXX-YY-ZZ

Where XXX is Power Rating – 300, 500

YY is Coupling Value – 5, 6, 7, 8, 10, 15, 20, 30

ZZ is Connector Type – NF, DF, 41



Model	SUN-DC-638-XXX-YY-ZZ							
Frequency Range	600-3800MHz							
Coupling (dB)	5±1.0	6±1.0	7±1.0	8±1.0	10±1.5	15±1.5	20±1.5	30±1.5
Insertion Loss (dB)	≤ 2.3	≤ 1.8	≤ 1.5	≤ 1.3	≤ 0.8	≤ 0.6	≤ 0.4	≤ 0.2
Isolation (dB)	≥ 23	≥ 24	≥ 25	≥ 26	≥ 28	≥ 33	≥ 38	≥ 45
VSWR	≤ 1.25							
Impedance (Ω)	50							
RF Connector	N(F)			DIN(F)			4.3-10(F)	
IM3 (dBc@2x43dBm)	-155			-160			-160	
Power Rating (W)	300			500			500	
Peak Power (W)	1200			1500			1500	
Application	Indoor							
Operating Temperature (°C)	-40 ~ +80							
Size* (mm)	134x47x31							
Net Weight (g)	500±5%			660±5%			600±5%	
RoHS	Comply							

*Excluded connectors

Technical data are subjected to change without notice – File: SUN-DC-638-XXX-YY-ZZ datasheet 2022V1.0