



- Wide Frequency Band 150 ~ 1000 MHz
- VHF/UHF/GSM Coverage
- High Port to Port Isolation
- Low VSWR & Insertion Loss
- Application Indoor & Outdoor IP65
- Widely Used For Public Safety Communications

Directional Coupler (150~1000 MHz, 200 W, N-F, IP65)

Electrical and Mechanical Specification

Model No.	SRFS-110-03-NF SRFS-110-05-NF	SRFS-110-06-NF SRFS-110-07-NF	SRFS-110-08-NF	SRFS-110-10-NF SRFS-110-13-NF	SRFS-110-15-NF	SRFS-110-20-NF SRFS-110-30-NF
Coupling(dB)	3/5	6/7	8	10/13	15	20/30
IL(dB)	$\leq 3.65/\leq 2.2$	$\leq 1.75/\leq 1.45$	≤ 1.35	$\leq 0.9/\leq 0.7$	≤ 0.5	$\leq 0.4/\leq 0.4$
Accuracy(dB)	$\pm 1.3/\pm 1.4$	$\pm 1.5/\pm 0.7$	± 1.8	$\pm 2.0/\pm 2.0$	± 2.0	$\pm 2.0/\pm 2.5$
Isolation(dB)	$\geq 18/\geq 19$	$\geq 21/\geq 22$	≥ 23	$\geq 25/\geq 28$	≥ 30	≥ 45
Frequency	150 ~ 1000 MHz					
VSWR	≤ 1.30					
Power	200 (Average) W					
Impedance	50 Ω					
Connector	N-Female					
Color	Red-painted					
Temp.	$-35^{\circ}\text{C} \sim +65^{\circ}\text{C}$					
Application	Indoor & Outdoor IP65					
Humidity	5% ~ 95%					
Dimesions	401 mm*64.5mm*18.5mm(Connectors included)					

Mechanical Drawing

