



698-3800 MHz Directional Coupler (SRFS -06938 – CPN)

Electrical & Mechanical Specifications							
Operating Frequency	698 - 3800						
Impedance (Ω)	50						
VSWR	≤ 1.25						
Application	Indoor & Outdoor						
Degree of Protection	IP65						
Handling Power (Watt, max)	300						
Peak Power(Watt, max)	1200						
Interface	N-Female						
Operating Temperature ($^{\circ}\text{C}$)	$-40 \sim +80$						
Connector Material	Brass						
IM3(dBc @ 2x43dBm)	$-150/-160$						
Body Material	Aluminum						
OPX in P/N	ON5	ON6	ON7	ON10	ON15	ON20	ON30
Coupling(dB)	5	6	7	10	15	20	30
Coupling Tolerance	± 0.8	± 0.8	± 0.9	± 1.0	± 1.0	± 1.2	± 1.5
Insertion loss(dB)	2.10	1.65	1.45	1.0	0.5	0.22	0.2
Isolation(dB)	≥ 23	≥ 24	≥ 25	≥ 28	≥ 33	≥ 38	≥ 48
Dimensions (mm)	136x44x23						
Net Weight(gm)	380 \pm 20						