

**694-3800MHz Directional Coupler**  
**4.8dB /6dB /7dB /8dB /10dB /13dB /15dB /20dB /30dB**

- Wide frequency range 694 to 3800 MHZ
- Low passive intermodulation 160dBc
- Low VSWR & insertion loss
- Indoor & outdoor use; IP65

**Specifications :**

Part number (BN) 4.3-10Female(50Ohms)	951840 0150	951840 0151	951840 0152	951840 0153	951840 0154	951840 0155	951840 0156	951840 0157	951840 150
Part number (BN) 7-16Female(50 Ohms)	951840 0170	951840 0171	951840 0172	951840 0173	951840 0174	951840 0175	951840 0176	951840 0177	951840 170
Part number (BN) N-Female (50 Ohms)	951840 0170	951840 0171	951840 0172	951840 0173	951840 0174	951840 0175	951840 0176	951840 0177	951840 170

<b>Electrical</b>									
Frequency range (MHz)	694-3800								
Couple(dB)	4.8	6	7	8	10	13	15	20	30
	+1.2/-0.8	±1.0	±1.0	±1.0	±1.0	±1.0	±1.0	±1.0	±1.0
Insertion loss(dB)	2.2	1.75	1.4	1.3	1.1	0.7	0.5	0.3	0.3
Splitting ratio	1:0.33: 0.67	1:0.25: 0.75	1 : 0.2 : 0.8	1 : 0.16 : 0.84	1 : 0.1 : 0.9	1 : 0.05 : 0.95	1 : 0.03 : 0.97	1 : 0.01 : 0.99	1 : 0.001 : 0.999
Directivity(dB)	≥18 dB	≥18 dB	≥18 dB	≥18 dB	≥18 dB	≥17 dB	≥17 dB	≥15 dB	≥15 dB
VSWR	≤1.3								
Power rating	4.3 -10 Female ≤ 300 W 7-16 Female ≤ 500 W N-Female ≤ 300 W								
IM - value 3rd order with 2 x 20 W	≤ -155 dBc   typical ≤ -160 dBc								
DC-by-pass	Port 1 to Port 2 (max. 1A per input max. 60V DC(AISG Standard, 2.0, § 6.4))								
<b>Environmental</b>									
Temperature range	-40 °C to +80 °C								
Application	Outdoor (IP65)								
<b>Mechanical</b>									
Color	Grey								
Weight(kg)	4.3 -10 Female 0.55 kg N Female 0.35 kg 7-16 Female 0.66 kg								
Dimension(mm)	See drawing								

Product Image:



Outline drawing :

