

**D12xxxx4-V02**  
**Directional Coupler N / 4.3-10**  
**PIM -155dBc**  
**698-2700**



**Directional Coupler 698-2700**

Type	N Female	D1230514-v02	D1230614-v02	D1230714-v02	D1230814-v02
	4.3-10 Female	D1210524-v02	D1210624-v02	D1210724-v02	D1210824-v02
Coupling Value (dB)		5	6	7	8
Coupling Bias (dB)		±0.8	±0.8	±0.8	±0.8
Insertion Loss (dB)		≤2.15	≤1.76	≤1.47	≤1.17
Isolation (dB)		≥23	≥24	≥25	≥26

Type	N Female	D1231014-v02	D1231314-v02	D1231514-v02	D1232014-v02
	4.3-10 Female	D1211024-v02	D1211324-v02	D1211524-v02	D1212024-v02
Coupling Value (dB)		10	13	15	20
Coupling Bias (dB)		±1.0	±1.0	±1.0	±1.0
Insertion Loss (dB)		≤0.96	≤0.66	≤0.44	≤0.34
Isolation (dB)		≥28	≥31	≥33	≥38

Type	N Female	D1233014-v02	D1234014-v02		
	4.3-10 Female	D1213024-v02	D1214024-v02		
Coupling Value (dB)		30	40		
Coupling Bias (dB)		±1.5	±1.5		
Insertion Loss (dB)		≤0.3	≤0.3		
Isolation (dB)		≥48	≥55		

**Electrical Specifications**

Frequency Range (MHz)	698-2700	
Impedance (Ω)	50	
Return Loss (dB)	> 19	
IM3 (dBc, @2x43dBm)	≤ -155	
Max. Power Rating (W)	N: 300	4.3-10: 500
Peak Power (W)	N: 800	4.3-10: 1,500

**D12xxxx4-V02**  
**Directional Coupler N / 4.3-10**  
**PIM -155dBc**  
**698-2700**



**Mechanical and Environmental Specifications**

Dimension (mm) (excluding connector and bracket)	126 x 45 x 25	
Weight (kgs) (including connector and bracket)	N: 0.53	4.3-10: 0.54
Colour	Light Grey	
Mounting	Wall Mount with Bracket	
Operating Temp (°C)	-25 to +65	
Ingress Protection Class	IP65	
Packing Dimension (mm)	180 x 100 x 55	
SKU (unit per box)	40 pcs per inner carton	

(D)672YY260  
(D)692YY260

