

D11xxxx4-V02
Directional Coupler N / 4.3-10
PIM -160dBc
698-2700



Directional Coupler 690-2700

Preliminary

Type	N Female	D1130514-v02	D1130614-v02	D1130714-v02	D1130814-v02
	4.3-10 Female	D1110524-v02	D1110624-v02	D1110724-v02	D1110824-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	D1131014-v02	D1131314-v02	D1131514-v02	D1132014-v02
	4.3-10 Female	D1111024-v02	D1111324-v02	D1111524-v02	D1112024-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	D1133014-v02	D1134014-v02		
	4.3-10 Female	D1113024-v02	D1114024-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)	≤ -160		
Max. Power Rating (W)	N: 300	4.3-10: 500	
Peak Power (W)	N: 800	4.3-10: 1,500	

D11xxxx4-V02
Directional Coupler N / 4.3-10
PIM -160dBc
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)872YY260

(D)892YY260

