

787621XXv01

Directional Coupler 4.3-10

PIM -160dBc

555-6000

Air Dielectric directional Coupler 555-6000MHz

Type	78762105v01	78762106v01	78762107v01	78762108v01	78762110v01
Coupling Value (dB)	5	6	7	8	10
Coupling Bias (dB)	±1.4	±1.4	±1.4	±1.1	±1.6
Insertion Loss (dB)	≤2.2	≤1.8	≤1.8	≤1.1	≤0.8
Isolation (dB)	≥21	≥23	≥23	≥25	≥28

Type	78762113v01	78762115v01	78762120v01	78762130v01
Coupling Value (dB)	13	15	20	30
Coupling Bias (dB)	±1.6	±1.6	±1.6	±1.6
Insertion Loss (dB)	≤0.22	≤0.22	≤0.2	≤0.2
Isolation (dB)	≥31	≥31	≥36	≥45

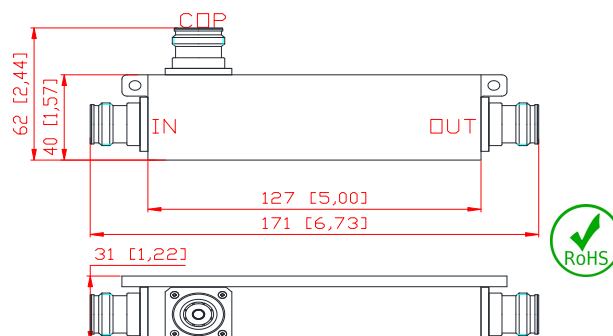
Electrical Specifications

Frequency Range (MHz)	555-6000	
Impedance (Ω)	50	
VSWR	≤1.35	
IM3 (dBc, @2x43dBm)	≤ -160	
Connector Type	4.3-10	
Max. Power Rating (W)	500	
Peak Power (W)	1,500	
Return Loss (dB)	550-960Mhz	>19
	1710-2700Mhz	>18
	3400-3500Mhz	>17.6
	4900-6000Mhz	>16.6



Mechanical and Environmental Specifications

Dimension (mm)**	127 x 40 x 31
Packind dimension (mm)	190 x 85 x 45
Weight (kgs)*	0.6
Colour	Light Grey
Mounting	Wall Mount
Operating Temp (°C)	-35 to +85
Ingress Protection Class	IP65
Packing Dimension (mm)	430 x 400 x 105



* including mounting bracket and connectors

** excluding mounting bracket and connectors