

# 787611XXv03

## Directional Coupler 350-6000Mhz

Directional Coupler NF  
PIM -160dBc  
350-6000MHz

Type	78761105v03	78761106v03	78761108v03
Coupling Value (dB)	5	6	8
Coupling Bias (dB)	±2.0	±2.0	±2.0
Insertion Loss (dB)	≤3.0	≤1.8	≤1.5
Isolation (dB)350-4800	≥22	≥23	≥26
Isolation(dB)4800-6000	≥20	≥21	≥22
VSWR	≤1.3 (350-4800Mhz) ≤1.40 (4800-6000MHz)		

Type	78761110v03	78761115v03	78761120v03
Coupling Value (dB)	10	15	20
Coupling Bias (dB)	±2.0	±2.3	±2.3
Insertion Loss (dB)	≤1.1	≤0.8	≤0.22
Isolation (dB)350-4800	≥28	≥33	≥38
Isolation(dB)4800-6000	≥23	≥30	≥35
VSWR	≤1.3 (350-4800Mhz) ≤1.40 (4800-6000MHz)		

Electrical Specifications	
Frequency Range (MHz)	350-6000
Impedance (Ω)	50
IM3 (dBc, @2x43dBm)	≤ -160
Connector Type	N female
Max. Power Rating (W)	200
Peak Power (W)	1,200

Mechanical and Environmental Specifications	
Dimension (mm)**	156.90 x 44 x 31
Weight (kgs)*	0.6
Colour	Light Grey
Mounting	Wall Mount
Operating Temp (°C)	-35 to +85
Ingress Protection Class	IP65
Packing Dimension (mm)	180 x 100 x 55

