

Penta-Band Combiners

800–960MHz/1710–1880MHz/
1920–2170MHz/2400–2483MHz/
2500–2690MHz

Highlights

- Superior electrical performance.
- IP66 protection ensures stable performance in any environment.
- Compact design, easy installation.
- Lifetime warranty.



ELECTRICAL SPECIFICATIONS

Models	P82124252750S (Single Unit)
Frequency	800–960MHz/1710–1880MHz/1920–2170MHz/2400–2483MHz/ 2500–2690MHz
Intermodulation	≤-150dBc (IMD3 with 2×20W)
Insertion Loss	≤0.3dB @ 800–960MHz; ≤0.5dB @ 1710–1880MHz; ≤0.8dB @ 2400–2690MHz;
Isolation	≥ 50dB
VSWR	≤1.25
Impedance	50Ω
Power Handling	300w Average
DC Bypass/AISG	NA
Lightning Protection	NA
MTBF	≥ 500,000h

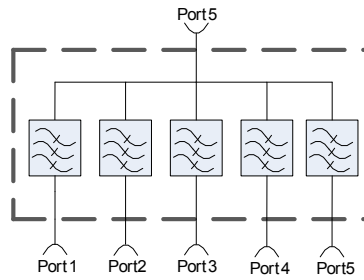
ENVIRONMENT SPECIFICATIONS

Operating Temperature	-20°C to +60°C -4°F to +140°F
Storage Temperature	-40°C to +85°C -40°F to +185°F
Relative Humidity	Up to 95%
Application	Indoor or Outdoor (IP66)

MECHANICAL SPECIFICATIONS

Color	Gray
Connectors	DIN-Female (Long Neck)
Weight	4Kg 8.8lb
Dimensions	211*205*60.5mm 8.3*8.07*2.38in

Block Diagram



Outline Drawing

