

### Highlights

- Integrated structure design: Filter is milled from one solid piece and has no soldered parts, guaranteeing superior electrical performance.
- Lower PIM, lower insertion loss, higher isolation, and higher power handling capacity.
- Differentiated DC block and DC bypass allow full compatibility with requiring TMAs.
- IP67 protection ensures stable performance in any environment.
- Compact design, easy installation.
- Lifetime warranty.



### ELECTRICAL SPECIFICATIONS

Models	D182650S (Single Unit) D182650D (Double Unit)	D182655S (Single Unit) D182655D (Double Unit)
Frequency	1710–1880MHz/1920–2690MHz	
Intermodulation	≤-150dBc (IMD3 with 2×20W)	≤-155dBc (IMD3 with 2×20W)
Insertion Loss	≤0.3dB	
Isolation	≥50dB	
VSWR	≤1.25	
Impedance	50Ω	
Power Handling	200w Average	
DC Bypass/AISG	MAX 2500mA	
Lightning Protection	3KA; 10/350μs Pulse	
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 (IP67)

### MECHANICAL SPECIFICATIONS

Color	Gray	
Connectors	DIN-Female (Long Neck)	
Weight	3.5Kg   7.71lb/Single Unit	7.4Kg   16.3lb/Double Unit
Dimensions	212*162*42mm   8.35*6.38*1.65in/Single Unit 212*162*88mm   8.35*6.38*3.46in/Double Unit	

Outline Drawing

