



OrionM2M

Cavity Band Pass Filter

ST-862/867-Q7S

FEATURES:



Low insertion loss



Low reflection losses



Rejected over 40dB at 869MHz



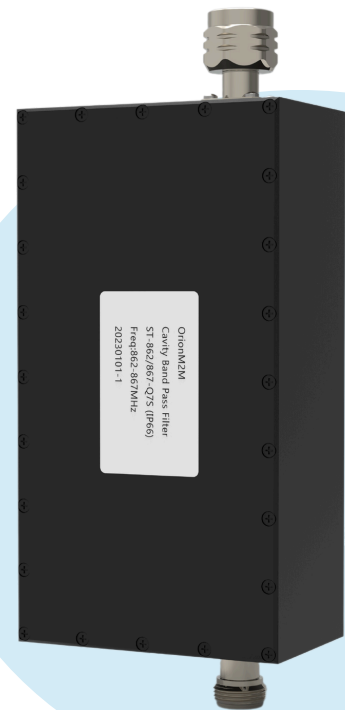
Power handling up to 10W



Impedance 50 ohms



Rejecting the harmonics and shape of the noise (CDMA)



APPLICATIONS:

863-867 MHz ISM Communication | Protection from GSM & CDMA Frequencies | Rejects Tx harmonics | Protects Out-of-Band Interference

General

Surface finish	Black Paint
Power handling	≤10W
Operating temperature, °C	-30 ... + 60
Connectors	N-Female/ N-Male
Waterproof	IP66
Configuration	Tolerance: ±0.5mm

Radio

Center Frequency (F0)	864.5MHz
Pass Band Frequency	862 ... 867MHz
Insertion Loss	≤3.0dB
Ripple	≤1.2dB
Return Loss	≥18db
Rejection	≥60dB @ 857MHz & 872MHz ≥40dB @ 869MHz
Impedance	50 ohms

Order Info

SKU	Description
ST-862/867-Q7S (IP66)	Cavity band pass filter 862 ... 867MHz; Impedance 50 ohms; IP66

Performance

Room Temp

