

Features

- High Q, Low Insertion Loss
- High Rejection
- Compact Size
- High Power handling

Descriptions

N connector mount cavity band reject filter developed for LTE 900MHz band applications.

Electrical Specifications

Parameter	Unit	Specification
Center Frequency of Notch	MHz	952
Stop Band Frequency	MHz	945~960
Passband Frequency Range	MHz	DC~935 & 970~2500
Insertion Loss in Passband	dB	≤4.0 max
Return Loss in Passband	dB	14.0 min
Attenuation at Rejection Band	dB	70 min
Power Handling	Watts	≥50 Avg.
In/Out Impedance	Ω	50
IMD in Rx band, 2 tone +43dBm each	dBm	100 min F1:869MHz, F2:894MHz, FPIM:844MHz
Operating Temperature	°C	-40 ~ +85
Connectors	-	N(Female)
Dimensions	mm	285 x 100 x 73 (L x W x H)

Mechanical Outline Drawing (mm)

