

Bandpass Filter

WNZK-B08R750-N-D

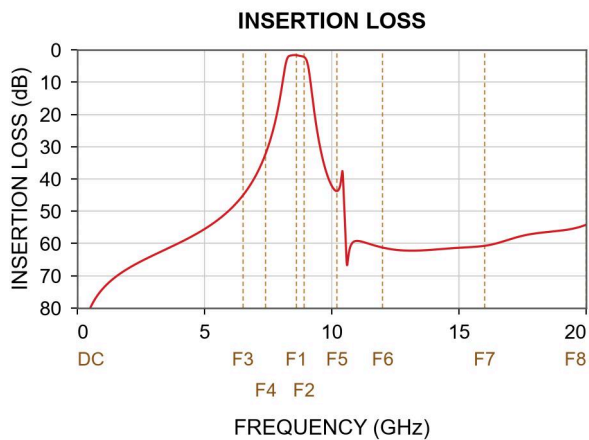
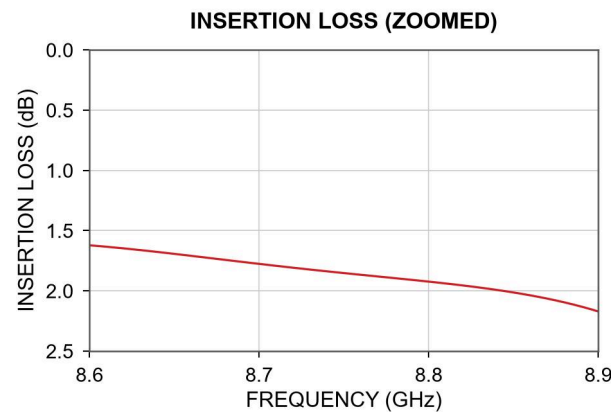
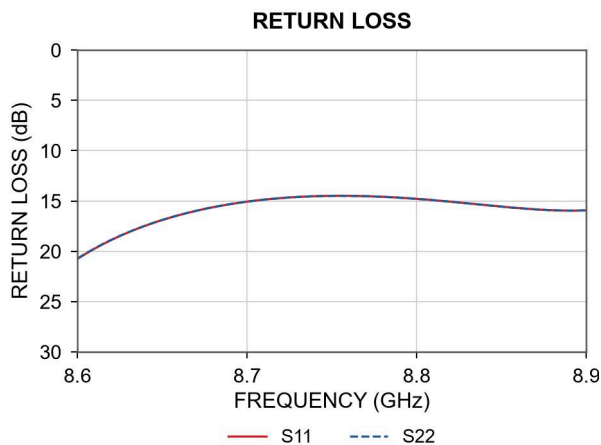
Passband 8.6–8.9 GHz | 50 Ω

ELECTRICAL CHARACTERISTICS

Passband width: 0.3 GHz

Parameter		F#	Frequency (GHz)	Value	Units
Passband	Center frequency	Fc	—	8.75	GHz
	Insertion loss, min.–max.			1.62–2.17	
	Amplitude variation, p-p			0.55	
	Input return loss, min.	F1–F2	8.6–8.9	14.49	dB
	Output return loss, min.			14.49	
	Input VSWR, max.			1.46:1	
	Output VSWR, max.			1.46:1	
Lower stopband	Rejection, min.	DC–F3	DC–6.5	—	dB
		F3–F4	6.5–7.4	32.09	
Upper stopband	Rejection, min.	F5–F6	10.2–12	37.54	dB
		F6–F7	12–16	60.72	
		F7–F8	16–20	54.16	

FREQUENCY RESPONSE



MATERIALS & DIMENSIONS		
Parameter	Value	Units
Substrate size	5.39 × 14	mm
Substrate thickness	200	μm
Relative permittivity	9.4	—
Metal	Au	—
Metal thickness	2	μm
Reference impedance	50	Ω

Includes feedline loss between model ports.
Frequency coverage: 0.05–20 GHz; “—” indicates incomplete coverage of the specified band.
Fc = (F1 + F2)/2. Amplitude variation: peak-to-peak insertion loss over F1–F2.