Bandpass Filter

WNZK-B07R750-W-D

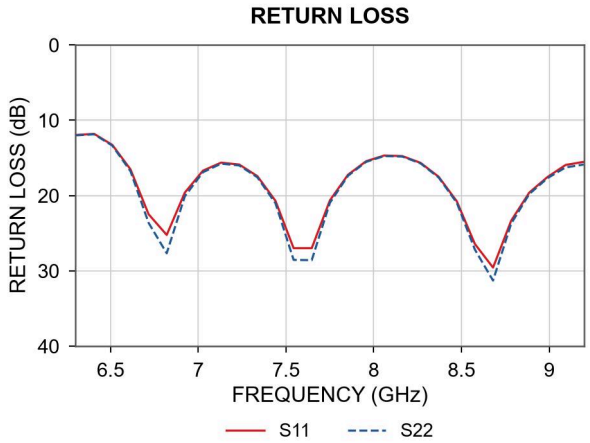
Passband 6.3–9.2 GHz | 50 Ω | Wideband

ELECTRICAL CHARACTERISTICS

Passband width: 2.9 GHz

Parameter		F#	Frequency (GHz)	Value	Units
Passband	Center frequency	Fc	—	7.75	GHz
	Insertion loss, min.–max.	F1–F2	6.3–9.2	1.41–2.05	dB
	Amplitude variation, p-p			0.64	
	Input return loss, min.			11.82	
	Output return loss, min.			11.87	
	Input VSWR, max.			1.69:1	—
	Output VSWR, max.			1.68:1	
Lower stopband	Rejection, min.	DC–F3	DC–3	—	dB
		F3–F4	3–4.4	36.02	
Upper stopband	Rejection, min.	F5–F6	11–13	16.78	dB
		F6–F7	13–16	—	

FREQUENCY RESPONSE



MATERIALS & DIMENSIONS

Parameter	Value	Units
Substrate thickness	200	μm
Metal thickness	2	μm
Reference impedance	50	Ω

Frequency coverage: 2.79–15.19 GHz; "—" indicates incomplete coverage of the specified band.

Fc = (F1 + F2)/2. Amplitude variation: peak-to-peak insertion loss over F1–F2.