

Bandpass Filter

WNZK-B15R800-S-D

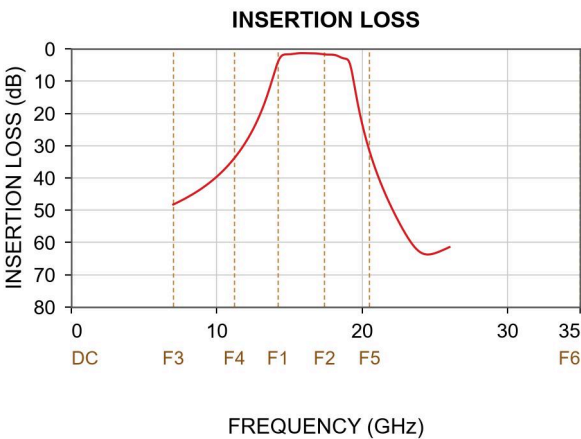
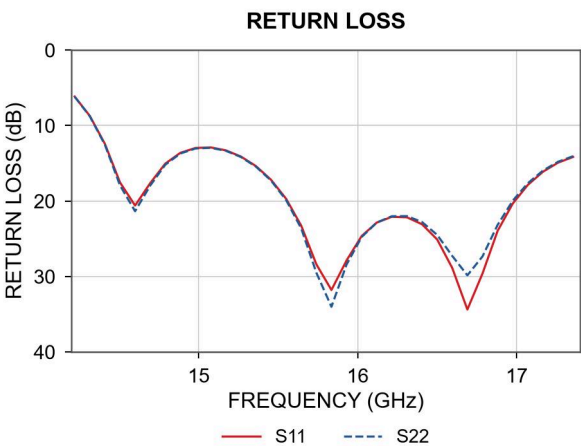
Passband 14.2–17.4 GHz | 50 Ω

ELECTRICAL CHARACTERISTICS

Passband width: 3.2 GHz

Parameter		F#	Frequency (GHz)	Value	Units
Passband	Center frequency	Fc	—	15.8	GHz
	Insertion loss, min.–max.			1.31–3.86	
	Amplitude variation, p-p			2.55	
	Input return loss, min.	F1–F2	14.2–17.4	6.16	dB
	Output return loss, min.			6.19	
	Input VSWR, max.			2.94:1	
	Output VSWR, max.			2.93:1	
Lower stopband	Rejection, min.	DC–F3	DC–7	—	dB
		F3–F4	7–11.2	33.99	
Upper stopband	Rejection, min.	F5–F6	20.5–35	—	dB

FREQUENCY RESPONSE



MATERIALS & DIMENSIONS

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

Frequency coverage: 7–26 GHz; “—” indicates incomplete coverage of the specified band.

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