

Specification – Diplexer

Date: 2026-09-06	Crossover: 2.0 GHz	Part No.: NX-DPX-2000-55
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■ Electrical & Mechanical Specification

No.	Parameter	Specification
1	Operating Frequency	DC – 18 GHz
2	Channel 1 (Low) Passband	0.1 – 1.9 GHz
3	Channel 2 (High) Passband	2.1 – 18.0 GHz
4	Insertion Loss	<1.0 dB
5	Crossover Frequency	2.0 GHz ± 2 MHz @ 25°C
6	Crossover Loss	<5.5 dB @ 25°C
7	VSWR	<2.0
8	Rejection – Channel 1	≥55 dB @ 2.3 – 18 GHz
9	Rejection – Channel 2	≥55 dB @ DC – 1.7 GHz
10	Max Power	≥2 W CW
11	Impedance	50 Ω
12	Connectors	SMA-Female
13	Material	Aluminum
14	Surface Finish	Blue Paint
15	Operating Temperature	-20°C ~ +60°C
16	Storage Temperature	-55°C ~ +95°C

■ Outline Drawing [Unit: mm]

