



Specification – Diplexer

Date: 2026-09-06	Crossover: 1.8 GHz	Part No.: NX-DPX-1800-60
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■ Electrical & Mechanical Specification

No.	Parameter	Specification
1	Operating Frequency	1 – 18 GHz
2	Channel 1 (Low) Passband	1.1 – 1.6 GHz
3	Channel 2 (High) Passband	2.0 – 18.0 GHz
4	Insertion Loss	<1.35 dB <1.5 dB (over temperature)
5	Crossover Frequency	1.8 GHz $\pm$ 0.5% @ 25°C
6	Crossover Loss	<5.5 dB @ 25°C <6.0 dB @ -20°C ~ +60°C
7	VSWR	<2.0
8	Rejection – Channel 1	$\geq$ 60 dB @ DC – 0.5 GHz & 2.3 – 18 GHz
9	Rejection – Channel 2	$\geq$ 60 dB @ DC – 1.5 GHz
10	Max Power	$\geq$ 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, Tolerance: $\pm$ 0.3mm]

