



Specification – Connectorized LPF Filter

Date: 2026-08-18	Construction: Cavity	Part No.: NX-LPF-1000-70
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■ Electrical & Mechanical Specification

No.	Parameter	Specification
1	Cut Off Frequency	1.0 GHz
2	Passband Frequency	DC – 1.0 GHz
3	Passband Insertion Loss	≤ 1.0 dB @ DC – 0.9 GHz ≤ 1.5 dB @ 0.9 – 1.0 GHz
4	Passband VSWR	$\leq 1.3:1$
5	Rejection	≥ 70 dB @ 1.3 – 4.2 GHz
6	Impedance	50 Ω
7	Power Handling	15 W Max
8	Connectors	SMA-Female
9	Operating Temperature	-55°C ~ +85°C
10	Surface Finish	Guide Oxygen or Painted Black

■ Outline Drawing [Unit: mm, Tolerance: ± 0.3 mm]





■ Simulation / Test Curve

