

C-Band LNB ※ (5G Interference)

※LNB : Low Noise Block downconverter

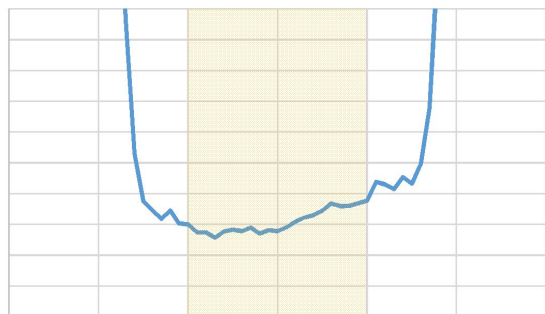
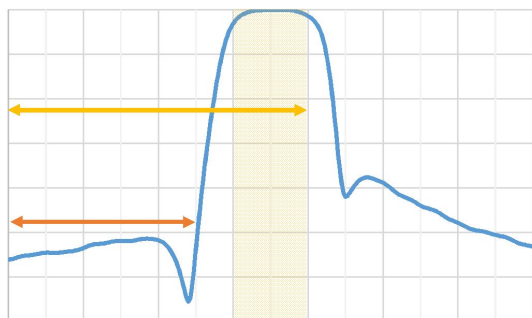
C-Band衛星通信ダウンリンクにおける 5G干渉防止フィルタを内蔵したLNB

外観



主要性能

Parameter	Performance
RF Input Frequency [GHz]	4.0 to 4.2 (Rejection Range 3.4 to 3.9)
IF Output Frequency [MHz]	950 to 1150
LO Frequency [GHz]	5.15
Noise Temperature [K]	15 typ. 30 max. at 25°C
Phase Noise [dBc/Hz]	-80 typ. at 1kHz -85 typ. at 10kHz -95 typ. at 100kHz
Gain [dB]	55 to 65
Input VSWR	2.5 typ.
Output VSWR	1.8 typ.
Output P1dB [dBm]	+10 min.
DC Supply Voltage [V]	+12 to +24
Current [mA]	350 max.
RF Input Interface	CPR229 (with Groove)
IF Output Interface	F-connector female (75 ohm)
Weight [g]	Approx. 570
Size (L×W×H) [mm]	144×68×39 (without Flange)



■5G干渉防止用に平面回路フィルタを搭載

■Interference Signal Level : -25dBm max.

with no degradation

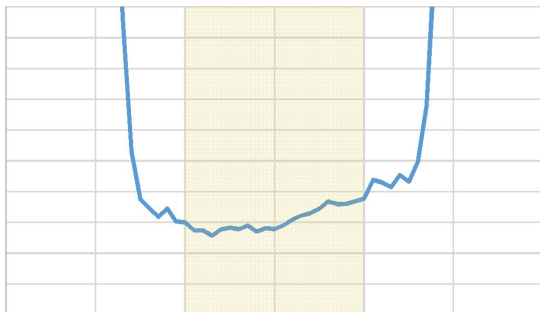
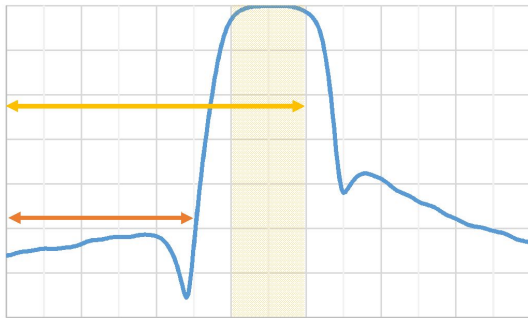
■Low Noise Temperature : 15K typ.

C-Band LNB* (5G Interference)

*LNB : Low Noise Block downconverter

**LNB with an anti-5G interference filter built in
for C-Band satellite communication downlink**

Appearance



Main Performances

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- Planar circuit filters installed for anti-5G interference.
- Interference Signal Level : -25dBm max. with no degradation
- Low Noise Temperature : 15K typ.