

DC RF INSTRUMENTS PTY LTD.

Level 1, 115 Grenfell street, Adelaide, SA 5000
04 23 118 106
Admin@dc-rf.com



Wi-Fi 7 FEM 65571N

Nonlinear 5 GHz Front-End Module

Product Overview

The DC-RF Wi-Fi 7 FEM 65571N is a nonlinear Front-End Module designed for IEEE 802.11be (Wi-Fi 7) communication architectures. Operating in the 5.15–5.85 GHz band, this module integrates RF front-end functionality for compact wireless system designs and is optimized for EHT160 applications where nonlinear performance characteristics are required.

Key Features

Feature	Description
Frequency Range	5.15–5.85 GHz
Wireless Standard	Optimized for Wi-Fi 7 / IEEE 802.11be
Output Performance	16.0 dBm EHT160 MCS13 @ -45 dB DEVM
Performance Category	Nonlinear
Architecture	Integrated RF Front-End Module for compact WLAN system integration

Key RF Specifications

Typical performance at room temperature (25°C).

Electrical Specifications

Note: Specifications are preliminary and subject to change without notice.

Parameter	Specification / Condition
Operating Frequency	5.15–5.85 GHz
Performance Category	Nonlinear
EHT160 / MCS13 / DEVM	16.0 dBm @ -45 dB DEVM
Wireless Standard	Wi-Fi 7 / IEEE 802.11be
Application Band	5 GHz WLAN front-end applications
