

# Super-Gaussian Beam Mode

## Digital Twin Specification

<b>Twin Code:</b>	SF-SGAU01
<b>Twin Name:</b>	Super-Gaussian Beam Mode
<b>Category:</b>	Source
<b>Type:</b>	Function-Based
<b>Version:</b>	1.0
<b>Package:</b>	Platform
<b>Last Updated:</b>	2026-01-20

## Description

Generates a super-Gaussian beam with a flatter intensity profile.

**⚠ Note:** This specification sheet is under active development. Detailed technical descriptions, model parameters, and usage examples will be added over the coming months.

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<b>Keywords:</b>	super-Gaussian beam, flat-top, profile, source
<b>Related Twins:</b>	SF-GAUS01, SF-MMGS01, SF-INGB01