



5G・6G(第5・6世代移動通信システム)対応

# 150GHz帯双方向周波数コンバーター

150GHz band bi-directional frequency converter.

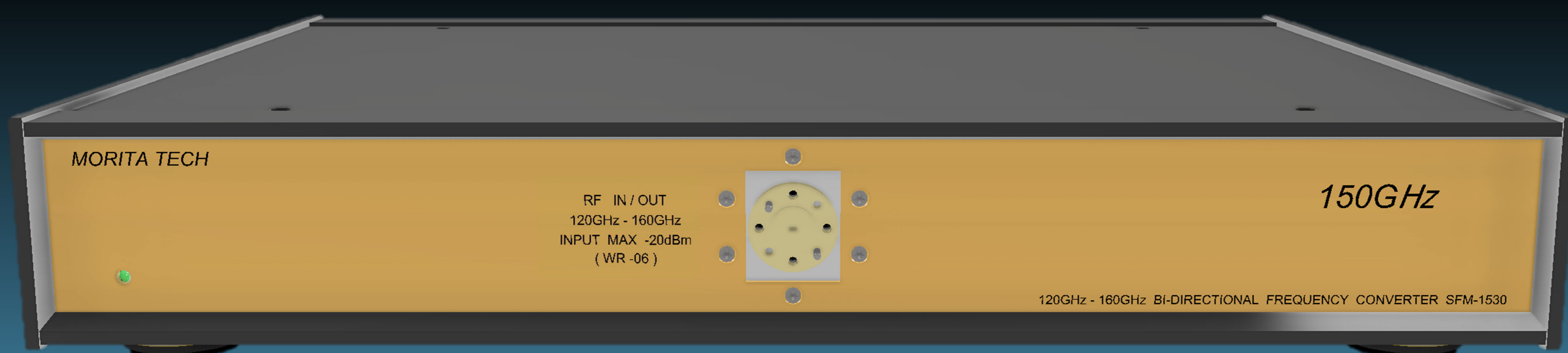
## SFM-1530

参考出品

Reference exhibit

# 150GHz帯を双方向に周波数変換

Bi-directional frequency conversion in the 150GHz band.



- ・コンパクトに150GHz帯の世界を既存の汎用測定器(スペクトラムアナライザーなど)で体験。
- ・内蔵ローカル発振器と外部局発入力の切替機能により必要な周波数変換精度でコンバート可能。
- ・内蔵ローカル発振器は、USB接続(オプション)により任意の周波数を設定可能予定。

- Experience the world of the 150GHz band compactly with existing general-purpose measuring instruments (spectrum analyzers, etc.).
- It is possible to convert with the necessary frequency conversion accuracy by switching function between built-in local oscillator and external local oscillator input.
- The built-in local oscillator will be able to set any frequency via USB connection (option).

### ◆Specifications.

Model number	: SFM-1530
Input / Output frequency	: 150GHz (120GHz to 160GHz Spot) : 30GHz (10MHz to 40GHz Spot)
RF Input Max power	: -20dBm(CW)
IF Max Power	: -20dBm(CW)
Conversion Loss	: -20dB(typ.)
Frequency deviation	: 0.05ppm (Internal reference mode)
OUTPUT Waveguide	: TYPE WR-06
INPUT Connector	: BNC External reference : SMA External oscillation signal
Ext reference Frequency	: 10MHz 0dBm
Power-supply voltage	: AC100V - AC240V 50/60Hz
Size	: 49(H) x 320(W) x 230(D) mm (Not including protrusions and pedestals)

### ◆Block Diagram.

