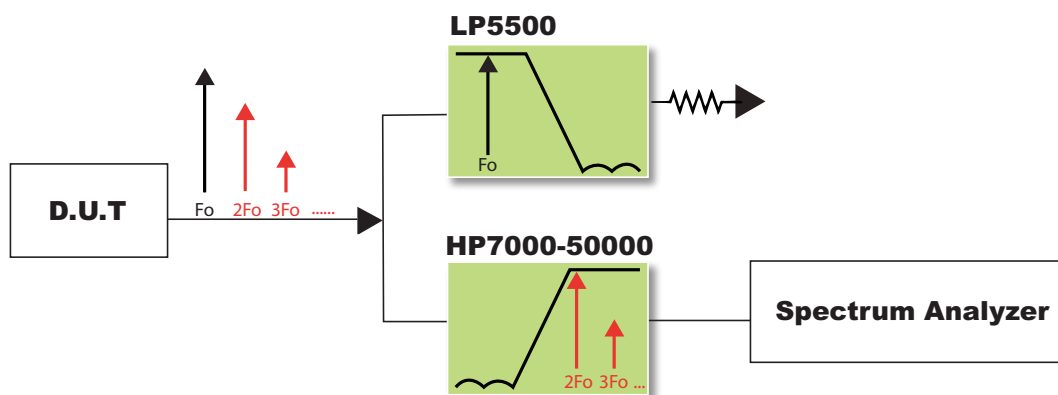


# SPCL-00802 — Broadband Diplexer DC to 50 GHz

## ◆ Features:

- Separates the Carrier below 5 GHz from its Harmonics up to 50 GHz
- Prevents the Carrier from Reflecting to the D.U.T or Entering the Spectrum Analyzer



## ◆ Electrical Specifications

Lowpass Port	
Passband:	DC-5500 MHz
Insertion Loss:	2.0 dB max.
Return Loss:	DC-5500 MHz: -12 dB min
Rejection: LP port to Common port, Highpass Port Terminated	7000-50000 MHz: -50 dB
Power Handling: Sea level at ambient temperature, COM port 50 Ohm loaded	1 W CW max.

# SPCL-00802 — Broadband Diplexer DC to 50 GHz

## Highpass Port

Passband:	7000-50000 MHz
Insertion Loss:	2.0 dB max.
Return Loss:	7000-50000 -10 dB min.
Rejection:	DC-5500 MHz: -55 dB
Power Handling: Sea level at ambient temperature, COM port 50 Ohm loaded	2 W CW max.

## Mechanical Specifications

RF Connectors	2.4 mm
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