4-Way RF Splitter Comparison - BBTLine_4Way_V2_SMT Versus MiniCircuits SEPS-4-272+

This is a comparison of two 4-Way RF Splitters/Combiners. BBTLine’s model “BBTLine_4Way_V2_SMT” and MiniCircuits “SEPS-4-272+”

The MiniCircuits Splitter has a bandwidth running from 600 MHz to 2700 MHz.

The BBTLine Splitter has a bandwidth running from 500 MHz to 7 GHz (data is truncated to compare against the lower bandwidth SEPS-4-272+).

S-Parameter data below is plotted from 300 MHz to 3 GHz.

As shown in the S-Parameter data plotted below, the BBTLine 4-Way Power Divider has much better performance than the MiniCircuits model in terms of bandwidth, return loss, isolation, amplitude balance, and phase balance.