

## Phase Shifter



Works at 110 MHz.  
Absolute Phase changes  
from 34° to 52°.

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## P/N MW-P00100-LLLT 110 MHz Double Synchronous Phase Shifter

Central frequency (f0)      **110 MHz**  
 Passband                      **+/- 2 MHz from f0**  
 Return Loss                    **≥ 30 dB**  
 Dimensions                    **180 x 80 x 37 mm**  
 Inputs / Outputs              **4 TNC Female Connectors**

Moving the cursor from 0 to 7 mm (see picture), the absolute phase of the 2 shifters changes as in the following table:

Cursor Position (mm)	Phase J1>>J2 (Shifter # 1)	Phase J3>>J4 (Shifter # 2)
0	35°	52°
3.5	44°	44°
7	52°	35°

That is, the 2 shifters move in opposite direction along the graduated scale; in the middle (cursor position at 3.5 mm), they both have an absolute phase of 44°.

