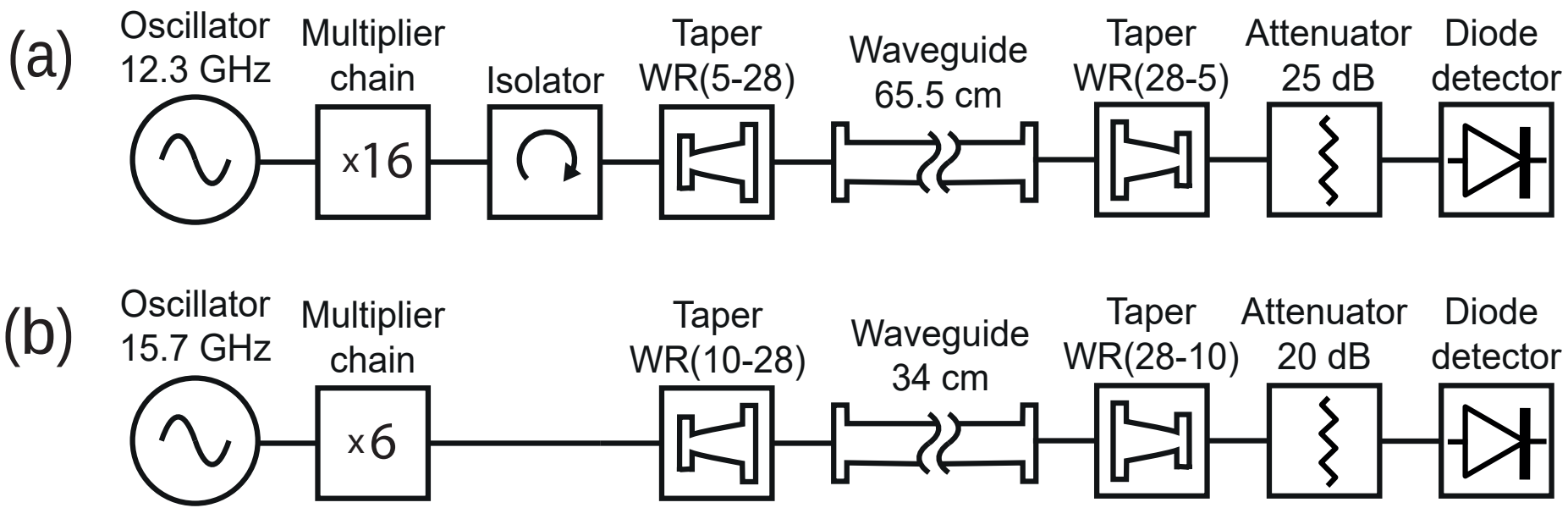
(a)
Oscillator
12.3 GHz
Multiplier
chain
x16
Isolator
Taper
WR(5-28)
Waveguide
65.5 cm
Taper
WR(28-5)
Attenuator
25 dB
Diode
detector
(b)
Oscillator
15.7 GHz
Multiplier
chain
x6
Taper
WR(10-28)
Waveguide
34 cm
Taper
WR(28-10)
Attenuator
20 dB
Diode
detector