

20 GHz VNA FREQUENCY EXTENDERS SELECTION CHART

STO System Configuration:				
Measurement Capability:	Full two-port measurements S11, S21, S12, S22	Reflection and Transmission S11, S21	Response Only (no correction for source or load mismatch)	Reflection Only
WR-03 220-330 GHz	STO-03203N05-CM-E1 (1 of 2) STO-03203N05-C-E1 (2 of 2) STO-03203N05-CMC-S1 (Pair)	STO-03203N05-CM-E1 (1 of 2) STO-03203N05-R-E1 (2 of 2)	STO-03203N05-T-E1 (1 of 2) STO-03203N05-R-E1 (2 of 2)	STO-03203N05-CM-E1
WR-05 140-220 GHz	STO-0520300-CM-E1 (1 of 2) STO-0520300-C-E1 (2 of 2) STO-0520300-CMC-S1 (Pair)	STO-0520300-CM-E1 (1 of 2) STO-0520300-R-E1 (2 of 2)	STO-0520300-T-E1 (1 of 2) STO-0520300-R-E1 (2 of 2)	STO-0520300-CM-E1
WR-06 110-170 GHz	STO-0620300-CM-E1 (1 of 2) STO-0620300-C-E1 (2 of 2) STO-0620300-CMC-S1 (Pair)	STO-0620300-CM-E1 (1 of 2) STO-0620300-R-E1 (2 of 2)	STO-0620300-T-E1 (1 of 2) STO-0620300-R-E1 (2 of 2)	STO-0620300-CM-E1
WR-08 90-140 GHz	STO-0820300-CM-E1 (1 of 2) STO-0820300-C-E1 (2 of 2) STO-0820300-CMC-S1 (Pair)	STO-0820300-CM-E1 (1 of 2) STO-0820300-R-E1 (2 of 2)	STO-0820300-T-E1 (1 of 2) STO-0820300-R-E1 (2 of 2)	STO-0820300-CM-E1
WR-10 75-110 GHz	STO-1020305-CM-E1 (1 of 2) STO-1020305-C-E1 (2 of 2) STO-1020305-CMC-S1 (Pair)	STO-1020305-CM-E1 (1 of 2) STO-1020305-R-E1 (2 of 2)	STO-1020305-T-E1 (1 of 2) STO-1020305-R-E1 (2 of 2)	STO-1020305-CM-E1
WR-10 75-110 GHz (High Power)	STO-1020313-CM-E1 (1 of 2) STO-1020313-C-E1 (2 of 2) STO-1020313-CMC-S1 (Pair)	STO-1020313-CM-E1 (1 of 2) STO-1020305-R-E1 (2 of 2)	STO-1020313-T-E1 (1 of 2) STO-1020305-R-E1 (2 of 2)	STO-1020313-CM-E1
WR-12 60-90 GHz	STO-1220305-CM-E1 (1 of 2) STO-1220305-C-E1 (2 of 2) STO-1220305-CMC-S1 (Pair)	STO-1220305-CM-E1 (1 of 2) STO-1220305-R-E1 (2 of 2)	STO-1220305-T-E1 (1 of 2) STO-1220305-R-E1 (2 of 2)	STO-1220305-CM-E1
WR-12 60-90 GHz (High Power)	STO-1220315-CM-E1 (1 of 2) STO-1220315-C-E1 (2 of 2) STO-1220315-CMC-S1 (Pair)	STO-1220315-CM-E1 (1 of 2) STO-1220305-R-E1 (2 of 2)	STO-1220315-T-E1 (1 of 2) STO-1220305-R-E1 (2 of 2)	STO-1220315-CM-E1
WR-15 50-75 GHz	STO-1520305-CM-E1 (1 of 2) STO-1520305-C-E1 (2 of 2) STO-1520305-CMC-S1 (Pair)	STO-1520305-CM-E1 (1 of 2) STO-1520305-R-E1 (2 of 2)	STO-1520305-T-E1 (1 of 2) STO-1520305-R-E1 (2 of 2)	STO-1520305-CM-E1
WR-15 50-75 GHz (High Power)	STO-1520315-CM-E1 (1 of 2) STO-1520315-C-E1 (2 of 2) STO-1520315-CMC-S1 (Pair)	STO-1520315-CM-E1 (1 of 2) STO-1520305-R-E1 (2 of 2)	STO-1520315-T-E1 (1 of 2) STO-1520305-R-E1 (2 of 2)	STO-1520315-CM-E1

Note - Optional attenuators can be removed from the TX/RX models by removing designator "M" for example STO-1020313-CM-E1 would be STO-1020313-C-E1