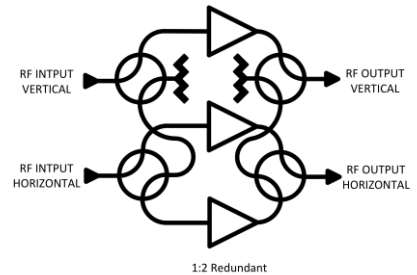
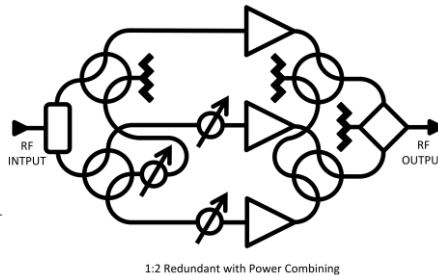
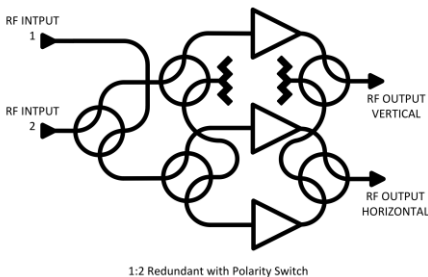
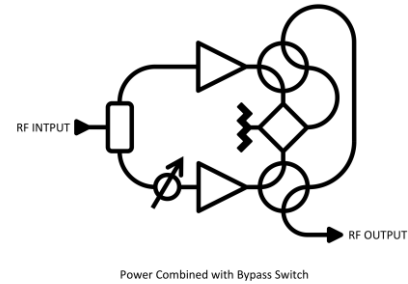
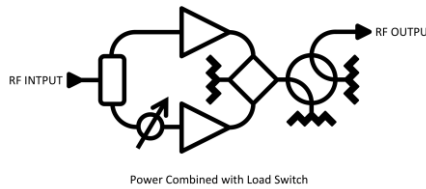
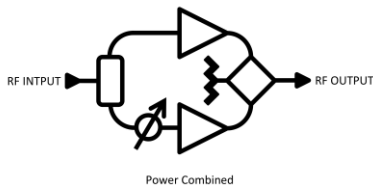
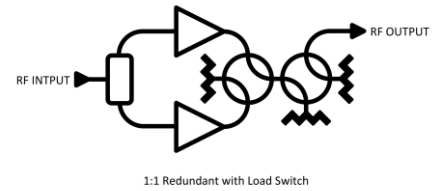
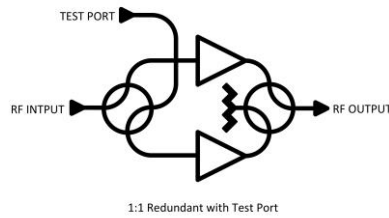
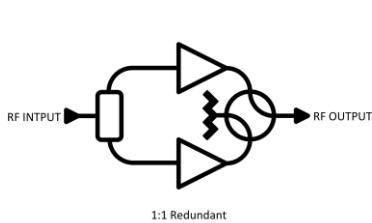
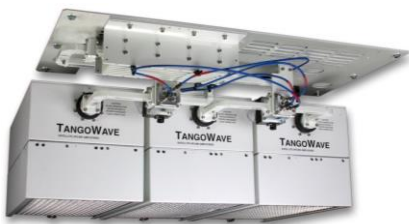


REDUNDANT & POWER COMBINED POWER AMPLIFIERS

TANGO WAVE PROVIDES SYSTEM SOLUTIONS FOR POWER AMPLIFIERS, INCLUDING REDUNDANCY, POWER COMBINING, POLARITY SWITCHING, LOAD SWITCHING AND COMBINATIONS OF THESE. THE 17 AND 20 SERIES SYSTEMS PROVIDE LOW COST, LOW LOSS SOLUTIONS FOR MAXIMUM EIRP.



System	Frequency Band	Power Rating	Gain / (Loss) typical
1:1 Redundant	Ku	60.0 dBm (1,000 W)	(0.3 dB)
	DBS	60.0 dBm (1,000 W)	(0.4 dB)
	Ka	57.0 dBm (500W)	(0.5 dB)
1:1 Redundant with Polarity Switch	Ku	60.0 dBm (1,000 W)	(0.3 dB)
	DBS	60.0 dBm (1,000 W)	(0.4 dB)
	Ka	57.0 dBm (500W)	(0.5 dB)
1:1 Redundant with Load Switch	Ku	60.0 dBm (1,000 W)	(0.4 dB)
	DBS	60.0 dBm (1,000 W)	(0.5 dB)
	Ka	57.0 dBm (500W)	(0.6 dB)
1:2 Redundant	Ku	60.0 dBm (1,000 W)	(0.3 dB)
	DBS	60.0 dBm (1,000 W)	(0.4 dB)
	Ka	57.0 dBm (500W)	(0.5 dB)
1:2 Redundant with Polarity Switch	Ku	60.0 dBm (1,000 W)	(0.3 dB)
	DBS	60.0 dBm (1,000 W)	(0.4 dB)
	Ka	57.0 dBm (500W)	(0.5 dB)
1:2 Redundant with Power Combining	Ku	60.0 dBm (1,000 W)	2.3 dB
	DBS	60.0 dBm (1,000 W)	2.2 dB
	Ka	57.0 dBm (500W)	2.1 dB
Power Combined	Ku	60.0 dBm (1,000 W)	2.6 dB
	DBS	60.0 dBm (1,000 W)	2.5 dB
	Ka	57.0 dBm (500W)	2.4 dB
Power Combined with Load Switch	Ku	60.0 dBm (1,000 W)	2.3 dB
	DBS	60.0 dBm (1,000 W)	2.2 dB
	Ka	57.0 dBm (500W)	2.1 dB
Power Combined with Bypass Switch	Ku	60.0 dBm (1,000 W)	2.2 dB
	DBS	60.0 dBm (1,000 W)	2.1 dB
	Ka	57.0 dBm (500W)	2.0 dB



OPTIONS:

Ku1325	12.75 - 13.25 GHz
Ku1275	12.75 - 14.50 GHz
Ku1480	14.50 - 14.80 GHz
DBS178	17.3 - 17.8 GHz
DBS184	17.3 - 18.4 GHz
Ka2730	27.0 - 30.0 GHz
Ka2830	28.0 - 30.0 GHz
Ka3031	30.0 - 31.0 GHz
QDC75	Waveguide quick connector, WR-75
QDC62	Waveguide quick connector, WR-62
QDC34	Waveguide quick connector, WR-34
QDC28	Waveguide quick connector, WR-28 adapter
WR-28-ADPT	RF Output - WR-34-to-WR-28 adapter
POL01	Polarity switch
SAMFR01	Dual coupler, forward and reverse