

**AMPLIFIER MATRIX - ADDITIONAL INFORMATION CAN BE FOUND ON THE ATTACHED DATASHEET TABS**

AMPLIFIER	Tx FREQUENCY BAND (MHz)	SATCOM 240-270 RCV 290-320 TX	LOS (AM)	LOS (AM HOP - HAVEQUICK) 225-400	LOS (FM)	LOS (FM HOP / SINGGARS) 30-88	LOS (I/aSCM) BOTH SAT AND LOS	WB (ANW2/SRW) 225-400	DAMA	IW	Input (W)	OUTPUT - SAT (W)	OUTPUT - LOS (W)	Remote Control (USB or RS232)	WEATHER PROOF / SPLASH PROOF	IP67	Natural Convection Cooled	DC INPUT (Vdc)	BYPASS PATH	THERMAL POWER FOLDBACK	Antenna Ports	LNA	MAX CURRENT DRAW	Operating Temp (-30 to +60 C)	
<b>TCR-MBA-50 WB</b>	30 - 512	x	x	x	x	x	x	x	x	x	2 - 10	10, 15, 25, 35, 50	25/50	x	x	x	x	12/28	x	x	3	x	28V/50W = 6.8A	x	Weight: 3.4lbs, Dim: 2"H x 3.5"W x 8.15" D (including connectors) - SPEC SHEET 90400-01139 -- Also sold in an extended heatsink version. Color selection of CARC Green or Anodize Black
<b>TCR-MBA-50</b>	30 - 512	x	x	x	x	x	x				1 - 10	10, 15, 25, 35, 50	25/50	x	x	x	x	12/28	x	x	2	x	28V/50W = 6.8A	x	Weight: 3.4lbs, Dim: 2"H x 3.5"W x 8.15" D (including connectors)
<b>TCR-MBA-75+ (with Bias Tee)</b>	30 - 512	x	x	x	x	x	x				2 - 20	35,50,75	50	x	x			24 - 28	x		2	x	28V/50W = 13A	x	Weight: 12lbs (AMP), Dim: 3"H x 6"W x 12" D (including connectors) - SPEC SHEET 90400-01043 (OP MANUAL 90400-01050)
<b>TCR-MBA-75-NBT</b>	30 - 512	x	x	x	x	x	x				2 - 20	35,50,75	50	x				24 - 28	x		2	x	28V/50W = 13A	x	Weight: 12lbs (AMP), Dim: 3"H x 6"W x 12" D (including connectors) - SPEC SHEET 90400-01044 (OP MANUAL 90400-01076)
<b>TCR-U/L-25</b>	225 - 400 // 1250 - 1390 // 1750 - 1850	x	x	x	x	NA	x	x	x	x	1 - 5	25	25	x	x	x	x	20 - 32	x	x	2	x	28/25W = 6.5A	x	Weight: 5.2lbs, Dim: 2.5"H x 3.5"W x 8.15" D (including connectors) - SPEC SHEET 90400-01177 (OP MANUAL 90400-01178)
<b>TCR-AM-SAT-50+ (with Bias Tee)</b>	292 - 318 Tx	x				X					2 - 20	25, 35, 50	N/A	x				24 - 32	x		1	x	28V/50W = 8A	x	Weight: 10lbs (AMP), Dim: 6"H x 3"W x 12.5" D - Spec Sheet 90400-01057 (OP MANUAL - 90400-01078)
<b>TCR-AM-SAT-50</b>	292 - 318 Tx	x				X					2 - 20	25, 35, 50	N/A	x				24 - 32	x		1	x	28V/50W = 8A	x	Weight: 10lbs (AMP), Dim: 6"H x 3"W x 12.5" D - Spec Sheet 90400-01057 (OP MANUAL - 90400-01078)
<b>TCR-AM-SAT-100+ (with Bias Tee)</b>	292 - 318 Tx	x				X					.5 - 20	10, 15, 25, 35, 50, 75, 100	N/A	x				24 - 32	x		1	x	28V/100W = 14A	x	Weight: 18lbs (AMP), Dim: 9"H x 4.5"W x 15.25" D - Spec Sheet 90400-01057 (OP MANUAL - 90400-01101)
<b>TCR-AM-SAT-100</b>	292 - 318 Tx	x				X					.5 - 20	10, 15, 25, 35, 50, 75, 100	N/A	x				24 - 32	x		1	x	28V/100W = 14A	x	Weight: 18lbs (AMP), Dim: 9"H x 4.5"W x 15.25" D - Spec Sheet 90400-01057 (OP MANUAL - 90400-01101)



**TCR-MBA-50**  
Tricom P/N: 11000-00692  
<http://tricomresearch.com/amplifiers-1/>



**TCR-MBA-50-WB**  
Tricom P/N: 11000-00746, 11000-00731  
<http://tricomresearch.com/amplifiers-1/>



**TCR-MBA-75+ (with Bias Tee)**  
Tricom P/N: 11000-00679  
<http://tricomresearch.com/amplifiers-1/>



**TCR-MBA-75-NBT**  
Tricom P/N: 11000-00678  
<http://tricomresearch.com/amplifiers-1/>



**TCR-U/L-25**  
Tricom P/N: 11000-00774  
<http://tricomresearch.com/amplifiers-1/>



**TCR-AM-SAT-50+**  
Tricom P/N: 11000-00674  
<http://tricomresearch.com/amplifiers-1/>



**TCR-MBA-50 BIAS TEE UNIT (Amp purchased Separately)**  
Tricom P/N: 11000-00735  
<http://tricomresearch.com/amplifiers-1/>



**TCR-AM-SAT-100**  
Tricom P/N: 11000-00675  
<http://tricomresearch.com/amplifiers-1/>



**TCR-MBA-50-WB EXT**  
Tricom P/N: 11000-00741  
<http://tricomresearch.com/amplifiers-1/>



**Bias Tee for AM-SAT-100 and AM-SAT-50**  
Tricom P/N: 11000-00517  
<http://tricomresearch.com/amplifiers-1/>



**BIAS TEE 2**  
Tricom P/N: 11000-00681  
<http://tricomresearch.com/amplifiers-1/>

ALL AMPLIFIERS SHIP WITH A POWER CABLE (STANDARD)