

SPECIFICATIONS

	C - Band 36 MHz			Ku - Band 36 MHz	
Coverage	C1 CONUS +Hawaii	C2 South America	C3 Continental	Ku-1 USA and Mexico	Ku-2 Continental + regional beam on South America
EIR (dBW) at the edge of coverage	40	39	38	49	Continental: 46 South America: 49
Number of transponders	12 N-S Cross- Strapping	12 N-S Cross- Strapping	12 fixed	12 fixed + 6 switchable	6 fixed + 6 switchable
Saturation flux Density at edge of coverage (dBW/m²)	-92	-92	-92	-92	Continental: -92 South America: -95
Redundancy	16:12	16:12	16:12	16:12	16:12
Nominal power (W)	42	33	47	150	250
Attenuator setting range	0 to 15 dB, 1 dB steps			0 to 20 dB, 1 dB steps	
Automatic Level Control (ALC)	0 to 15 dB, 0.5 dB steps				
Station keeping tolerance	+ 0.05° N-S + 0.05° E-W				
Expected useful life	15 years				


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