

Arabsat-2B Main Data			
Launch Date	Nov. 13, 1996		
Orbital Location	30.5° East		
Design Lifetime	16 Years		
Manufacturer	Aerospatiale/Alcatel		
Platform	Spacebus-3000 A		
Launcher	Ariane IV		
Frequency Bands	Ku-band / FSS	Uplink	13.75-14.00 GHz
		Downlink	12.50-12.75 GHz
	C-band	Uplink	5.925-6.425 GHz
		Downlink	3.700-4.200 GHz
No of Transponders	Ku-band / FSS	17 TWTAs for 12 Active Channels	
	C-band	12 TWTAs for 8 active channels (High Power)	
		20 SSPA for 14 Active Channels (Medium Power)	
Polarization	Ku-band / FSS	Linear - Horizontal or Vertical	
	C-band	Circular - RHCP or LHCP	
X-Polarization Isolation	Ku-band / FSS	30 dB	
	C-band	30 dB	
Transponders Bandwidth	Ku-band / FSS	8 ch (36MHz) & 4 ch (30 MHz)	
	C-band	20 ch (36 MHz) & 2 ch (54 MHz)	
Typical G/T	Ku-band / FSS	5.2 dB/K	
Typical EIRP		49.2 dBW	
Typical G/T	C-band	-2 dB/K	
Typical EIRPs		38.3 dBW (Medium Power) & 44.6 dBW (High Power)	