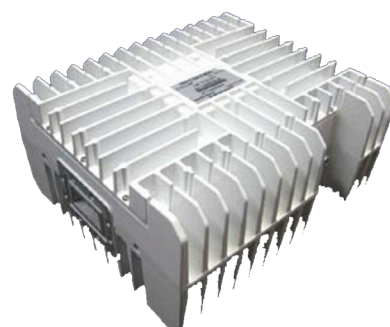


BUC C-BAND 10W 20W ELMTBC

TYPICAL SPECIFICATIONS



	ELMTBC010	ELMTBC020
Output Power (P1dB)	40 dBm min.	43 dBm min.
Output Power (Psat)	40.5 dBm min.	43.5 dBm min.
Phase Noise (SSB) max.	-70 dBc/Hz at 100Hz -80 dBc/Hz at 1kHz -90 dBc/Hz at 10kHz -100 dBc/Hz at 100kHz	-65 dBc/Hz at 100Hz -75 dBc/Hz at 1kHz -85 dBc/Hz at 10kHz -95 dBc/Hz at 100kHz
Linear Gain	65 dB typ., 60 dB min., 70 dB max.	69 dB typ., 64 dB min., 74 dB max.
Gain Flatness :		
Over Full Band	≤ 4.0 dB p-p	
Over Any 54 MHz	≤ 1.5 dB p-p	
Over Temperature	≤ 4.0 dB p-p	
Output Spurious:		
In-Band	≤ -60 dBc	
Out-of-Band	≤ -50 dBc	
Noise Power Density	-80 dBm/Hz in Tx -156 dBm/Hz in Rx	
Input VSWR	2.0 : 1 max.	
Output VSWR	2.0 : 1 max.	
Input Voltage	+18V to +24V DC via IFL	+36V to +60V DC
Power Consumption	80W max.	180W max.
Input (waterproof)	Type F Connector (75 Ohm) Type N Connector (50 Ohm)	
Output (waterproof)	CPR-137G	
Dimensions (L x W x H)	220 mm x 194.2 mm x 103.5 mm (8.6 in x 7.65 in x 4.07 in)	220 mm x 196 mm x 138 mm (8.66 in x 7.72 in x 5.43 in)
Weight	4.5 kg (9.92 lb)	5 kg (11 lb)
Operating Temperature	-40 to +55°C	
Storage Temperature	-40 to +80°C	
Humidity	0-100% condensing	
External Ref Freq	10 MHz (sine-wave), -5 to +5 dBm	
Enclosed Accessories	Screws, Gasket	

FREQUENCY BANDS

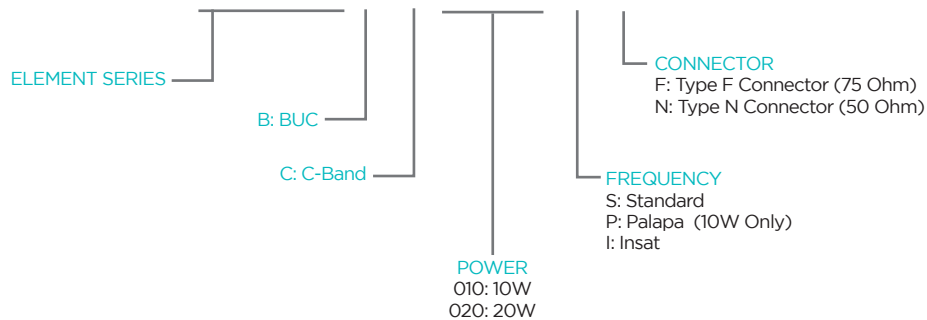
	S: Standard	P: Palapa	I: Insat
Frequency Band (GHz)	5.850 - 6.425	6.425 - 6.725	6.725 - 7.025
L.O. Frequency (GHz)	4.90	5.275	5.75
IF Frequency (MHz)	950 - 1525	1150 - 1450	975 - 1275



BUC C-BAND 10W 20W ELMTBC

HOW TO ORDER

ELMTBC010-PN



OPTIONAL ACCESSORIES

Power Supply for 20W BUC PS 400-ELMT

MECHANICAL DIAGRAM

