

Cobham SATCOM  
4030 Nelson Avenue  
Concord CA 94520  
USA

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Our ref.: Cornelius Smith

T: +1 925 348-5736

## Introducing the New Sea Tel 6012-45 model family with Terrasat Block up Converters

Dear Valued Maritime Partner,

We are pleased to announce the release of new model variants to our industry-leading Sea Tel 6012 1.5m Ku-band antenna system. The new 6012-45 model family come standard fitted with Terrasat BUCs in four different power levels, including 16W, 25W, 40W and 100W. Requests for Terrasat configurations have increased significantly in recent months, based largely on the product's demonstrated quality and reliability in terms of both performance and global availability.

### **Antenna Assembly Key Features (ADE):**

Reflector Size	58in / 1.50m
Power	110/220VAC
TX Gain	45.1dBi @ 14.25 GHz
RX Gain	44.0dBi @ 12.50 GHz
G/T, 30° EL	21.9 dB/K @ 12 GHz
Radome Diameter	76in / 1.93m
Radome Height	78.9in / 2.00m
Antenna Weight	229kg/ 505 lbs
<b><i>Or</i></b>	
Radome Diameter	80.8in / 2.05m
Radome Height	96.9in / 2.46m
Antenna Weight	354kg/ 780 lbs



*C-Band System shown as example of 81inch radome*

The Sea Tel 6012-45 in a 76" radome is listed at \$77,995 plus RF.

The Sea Tel 6012-45 in an 81" radome is listed at \$83,995 plus RF and Air Conditioning.

**Air Conditioning is recommended for any system with a 300W power draw, usually a 40W BUC or above.**

The Standard Terrasat BUC's will be:

BUC Part Number	Net Price	RF Model	MFG Part Number	P1db	Power Consumption
88-207743-NR016DC	\$5,950.00	IBUC2, 16W Ku BAND TERRASAT, DC PWR EXT REF	IBR137145-0N4016WW	+42 dBm min	168 W
88-207743-NR025DC	\$7,950.00	IBUC2, 25W Ku BAND TERRASAT, DC PWR EXT REF	IBR137145-0N5025WW	+44 dBm min	250 W
88-207709-001	\$12,875.00	IBUC2, TERRASAT, 40W 13.75-14.50GHZ, AC,10MHz	IBR137145-2NA040WW-0000	+46 dBm min	420 VA
88-207565-100	\$24,375.00	IBUC, TERRASAT, Ku, 100W	IBR137145-2NA100WW	+49.5 dBm min	1150 VA

Standard Sea Tel 6012-45 system configuration:

System Part Number	Description	RF Model	LNB
40-300354	Sea Tel 6012-45, 16W TERRASAT 76 IN WHT	IBUC2, 16W Ku BAND TERRASAT, DC PWR EXTERNAL REF	2 EA, SMW Quad
40-300355	Sea Tel 6012-45, 25W TERRASAT 76 IN WHT	IBUC2, 25W Ku BAND TERRASAT, DC PWR EXTERNAL REF	2 EA, SMW Quad
40-300294	Sea Tel 6012-45, IBUC2 40W, 81 IN	IBUC2, TERRASAT, 40W 13.75-14.50GHZ, AC,10MHz	2 EA, SMW Quad
40-300334	Sea Tel 6012-45, 100W, W/AC, WHT 81"	IBUC, TERRASAT, Ku, 100W	2 EA, SMW Quad

Should you have any specific questions or need any further information at this stage please do not hesitate to contact your Sales Representative or Cornelius Smith, Product Manager, at [cornelius.smith@cobham.com](mailto:cornelius.smith@cobham.com)

Thank you for your continued support and business.

Kind regards,

Cobham SATCOM  
**Maritime Business Unit**