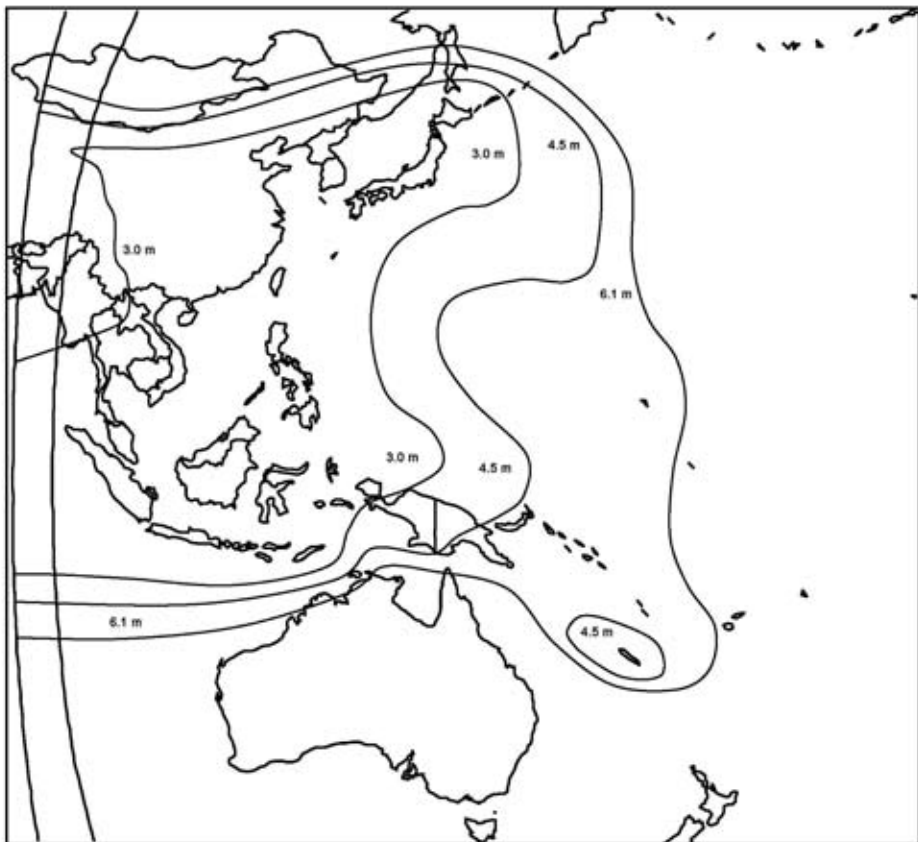


Consumer Information: Suggested Antenna Sizes



Receive Settings

Downlink Frequency: 4160.00 MHz
Downlink Polarization: Horizontal
Symbol Rate: 26.479 Msps
Modulation: QPSK
FEC Rate: 3/4 - DVB
Operational C/N: 8.0 dB

Suggested Antenna Sizes

3.0 m
4.5 m
6.1 m

For antenna pointing, see http://www.panamsat.com/global_network/calc_look_angle.asp

Notes:

- All information for illustration purposes only and subject to change without notice.
- ABC and PanAmSat will not accept any liability for use of this information.
- Always confirm suitable equipment detail with your local satellite equipment installer.
- Assumptions are typical performance into rain zone 'N' only, availability 99.5% or better.
- Please consult with your PanAmSat representative for detailed analysis.