

*Gain (dBi) @ $10 \log (32400/EH)$

E = E plane 3 dB beamwidth in degrees

H = H plane 3 dB beamwidth in degrees

Formula does not take into account losses for internal harnessing and input connector losses.

Estimated harness loss 0.2 dB/meter of antenna length

Estimated connector loss 0.1 dB

Printed circuit antennas have higher losses causing less efficiency.

*R. S. Elliot, "Beamwidth and Directivity of Large Scanning Arrays"
The Microwave Journal, January 1964



All specifications are subject to change without notice

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