

**iDIRECT BUC Series**  
**4W Standard-Ku Band BUC (P/N: E0002219-0001)**



The iDirect 4W Standard-Ku Band Block Up Converter (BUC) delivers exceptional value and operational continuity for networks where Standard-Ku ODU equipment is already deployed.

**Electrical Specifications**

Output Frequency Range	14.0 to 14.5 GHz
Input Frequency Range	950 to 1,450 MHz
Conversion Type	Single, fixed L.O.
L.O. Frequency	13.05 GHz
Operating Power @ 1dB GCP	+36 dBm min. @ 25°C, +35 dBm min. over temperature range (4 W typ.)
Linear Gain	55 dB nom., 52 dB min.
Input Impedance	75 Ω nom.
Input V.S.W.R.	2 : 1 max.
Output V.S.W.R.	2 : 1 max.
DC Power Requirement [Voltage Range]	+24 VDC (+13 to +28 VDC)
[Power Consumption]	30 W max. @ Psat = +36 dBm

**Mechanical Specifications**

Input Interface	F-Type, Female
Output Interface	Waveguide, WR-75 (with Groove)
Dimension & Housing	196.4 (L) x 120 (W) x 53 (H) mm 7.73" (L) x 4.72" (W) x 2.09" (H)
Weight	1.2 kg (2.64 lbs) max.

**Environmental Specifications**

Temperature Range (ambient)	-40 to +55°C (operating)
Humidity	0 to 100%
Altitude	15,000 feet
Compliance	CE, FCC, RoHS

Compatible with iNFINITI and Evolution. This product is manufactured in China and carries a 2-year warranty.

**iDIRECT BUC Series**  
**4W Standard-Ku Band BUC (P/N: E0002219-0001)**

**Mechanical Drawing**

