



Indoor Coverage and High Speed Dual Enhancer for 1700 MHz AWS Applications

Product Classification

Product Type RF repeater unit

General Specifications

Antenna Interface at Repeater SMA Female
Indoor Antenna Optional, not included
Optional Antenna Gain 2 dBi
Optional Antenna Type Omni
Performance Note Values typical, unless otherwise stated
Supervision/Control Option Heartbeat via SMS | Remote control

Dimensions

Height 240 mm | 9.449 in
Width 240 mm | 9.449 in
Optional Antenna Length 90 mm | 3.543 in
Depth 35 mm | 1.378 in

Electrical Specifications

Gain 78 dB
Gain Adjustment Range 30 dB
License Band AWS 1700
Local Power 6 Vdc
Mains Power 100–240 Vac
Return Loss 10 dB
Power Consumption 20 W

Electrical Specifications, Rx (Uplink)

Operating Frequency Band	1710 – 1755 MHz
Output Power @ One Carrier	18 dBm (UMTS) 22 dBm (CDMA)
Output Power @ Two Carriers	15 dBm (UMTS) 19 dBm (CDMA)

Electrical Specifications, Tx (Downlink)

Operating Frequency Band	2110 – 2155 MHz
Output Power @ One Carrier	18 dBm (UMTS) 22 dBm (CDMA)
Output Power @ Two Carriers	15 dBm (UMTS) 19 dBm (CDMA)

Environmental Specifications

Operating Temperature	+5 °C to +40 °C (+41 °F to +104 °F)
Ingress Protection Test Method	IEC 60529:2001, IP30

Packaging and Weights

Weight, net	1.5 kg 3.307 lb
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Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system



* Footnotes

EVM	Error Vector Magnitude
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