Indoor Coverage for 900 MHz GSM-R Applications

OBSOLETE
This product was discontinued on: June 30, 2018
Replaced By:

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
Return Loss
10 dB
Gain
70 dB
Gain Adjustment Range
30 dB
License Band
GSM-R
Local Power | 6 Vdc
Mains Power | 100–240 Vac
Power Consumption | 20 W

Electrical Specifications, Rx (Uplink)
Operating Frequency Band | 876 – 880 MHz
Output Power @ One Carrier | 18 dBm
Output Power @ Two Carriers | 15 dBm

Electrical Specifications, Tx (Downlink)
Operating Frequency Band | 921 – 925 MHz
Output Power @ One Carrier | 18 dBm
Output Power @ Two Carriers | 15 dBm

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

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