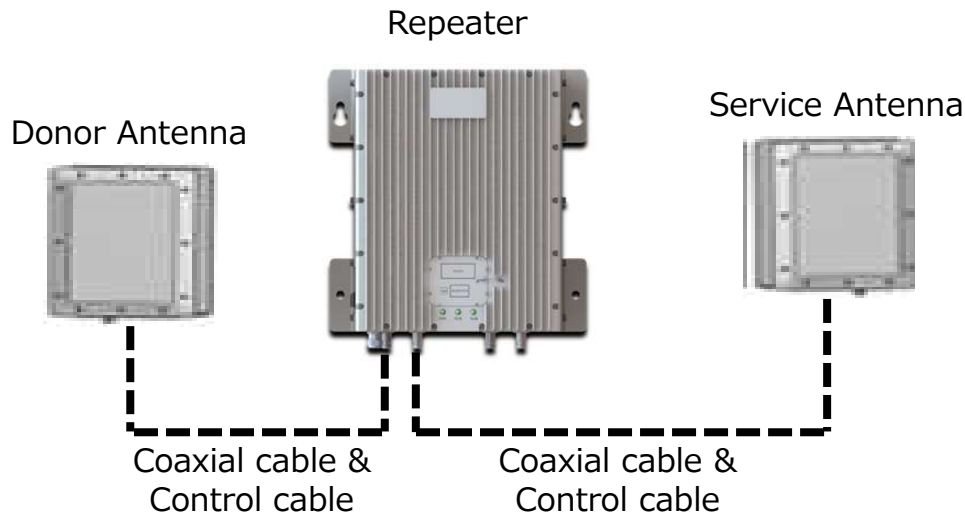


3.7GHz Signal Repeater



- ✓ **1 Housing with 2 Paths (2-Polarization)**
 - Installation is easier
- ✓ **Separate Configuration of Repeater & Antenna**
 - Antennas can be selected according to the target area flexibly
- ✓ **High Flexibility of Installation**
 - No GPS signal is required (a sync signal is generated in the device from the signal received at the donor antenna)
- ✓ **Low Latency**



External view of prototype



3.7GHz Signal Repeater

Item	Specification	Remarks
Frequency Range	3.7GHz band	Specified by the customer
Bandwidth	100MHz	
Signal Bandwidth	100MHz	
Number of Carrier	1 (maximum)	
Standard Spec.	5G NR	
DL/UL Configuration Ratio	Specified by the customer	
SSB Sub-carrier Spacing	30kHz	
Number of Polarization	2T2R	
Antenna	External	N-type Connector
Isolation between Donor Antenna connector & Service Antenna connector	75dB or more	
EIRP	+30dBm/100MHz	Per antenna port
EVM	256 QAM : 3.5% or less	
ACLR	≤-44.2 dBc	
Power Output (Gain) Range	55dB~75dB	
Noise Figure	8 dB or less	At Maximum gain
In-device Delay	2us or less	
Dimensions (W, H, D)	284mm x 320mm x 135mm (11.2" x 12.6" x 5.3")	Excluding standoffs and mounting brackets
Weight	Approx. 12 kg (26.5lbs)	Excluding mounting brackets
Power-supply Voltage	AC100V±10%	
Power Consumption	170W typ.	
Local Control Method	Bluetooth	