

43dBm MDAS Digital Fiber Optical Signal Repeater For Outdoor

- 99% pass customs clearance,Hutsin have many certificates,such as CE,RoHS,FCC,etc....
- 100% solve mobile cell phone weak signal problem.
- Full band support (or narrow band).
- Digital RF and light processing.
- Uplink Noise Suppression.
- Supports optical bypass and optical delay calibration function.
- Auto Level Control to limit the output power to ensure safe and stable coverage.
- Internal backup battery for sending alarms during power failure.
- Connect to Hutsin cloud platform via 4G modem for remote management and monitoring.
- MTBF >100,000 hours.

Specifications :

Part No.	6010100005
Model	6010100005-Bx-MU/ RU 6010100005-BxBx-MU/ RU
Frequency Bands	Any one band in "x" @ 6010100005-Bx Any two band in "x" @ 6010100005-BxBx
Bandwidth	Full Bandwidth or Customize
Gain	UL 90dB (MU+RU), DL 95dB (MU+RU)
Output Power	UL 30dBm (MU), DL 43dBm (RU)
Gain Attenuate	1~31dB, Step of 1dB
ALC Control Range	≥30 dB
VSWR	≤ 1.5
Spurious Emission	≤-36dBm @ 9KHz~1GHz,≤-30dBm @ 1GHz~12.75GHz
ACRR	Fully comply with 3GPP
EVM	Fully comply with 3GPP
PCDE	Fully comply with 3GPP
Noise Figure	≤5.0dB
Group Delay	≤6us
Optical Transmit Power	≥-6dBm
Optical Receive Sensitivity	≤-15dBm
Optical Transmission Distance	≥15 KM
Optical Interface	FC/LC
Local Monitoring	PC software via RJ45

Remote Monitoring	Connect to Amplitec cloud platform via 4G modem
Humidity	<90%
Operating Temperature	-10°C ~ +55°C
Power Supply	AC 100~264V/ 50~63Hz
Power Consumption	≤35W @ 6010100005-Bx-MU ≤100W @ 6010100005-Bx-RU ≤80W@ 6010100005-BxBx-MU ≤280W@ 6010100005-BxBx-RU
Dimension	370×300×150 mm @ 6010100005-Bx-MU 430×350×190 mm @ 6010100005-Bx-RU 370×300×180 mm @ 6010100005-BxBx-MU 490×410×190 mm @ 6010100005-BxBx-RU
Weight	≤12 kg @ 6010100005-Bx-MU ≤15 kg @ 6010100005-Bx-RU ≤15 kg @ 6010100005-BxBx-MU ≤28 kg @ 6010100005-BxBx-RU

Product Image:



Application diagram:

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