



## General Description

ClearLink® MDIU™ is a Modular Passive DAS Interface which provides Radio Frequency (RF) signal conditioning between the RF Source (Base Transceiver Station (BTS)/ Small Cell) and a Distributed Antenna System (DAS).

MDIU is DAS and BTS vendor-neutral, providing a common BTS interface and simplifying deployment, commissioning and training. MDIU is ideal for use with Low Power and Small Cell radios.

MDIU can be deployed in a single or multi-operator (Neutral Host) system.

## Product Highlights

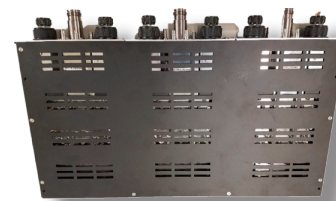
- Supports all Frequency Bands (600, 700L, 700U, 800, 850, 1900, 2100, 2300 MHz, FirstNet n14)
- 5 Watt and 25 Watt RF Input
- Highest Density in the Industry by at least 50%
- Lowest Insertion Loss in the Industry
- Carrier Grade PIM ≤ -161 dBc
- Wall Mount or Rack Mount
- Supports up to three MDIU Modules in 1U, 19-inch chassis
- Natural Air Cooling
- Built-in Test Ports 20dB down for DL & UL
- 0 - 31dB, 1dB Step, Variable Attenuation in DL & UL

## Frequency Range

- 700 LABC, 700 UC, 800 SMR, 850 Cell , 1900 PCS, 2100 AWS, 2300 WCS and FirstNet n14
- Future Release: 600



CS21-0XX-104Q



MDIU Chassis w/ Three Modules

## Ordering Information

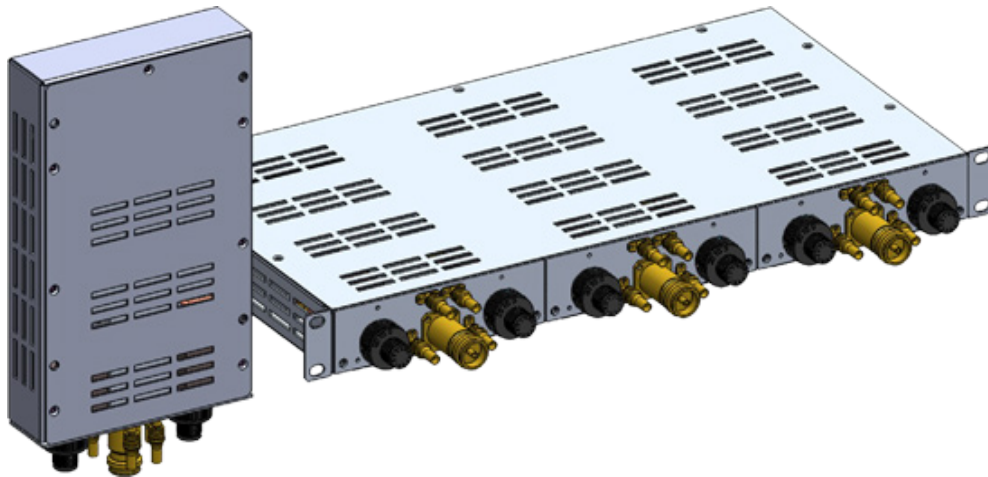
Part Number 5W	Part Number 25W	Description
CS21-005-101Q	CS21-025-111Q	MDIU MODULE L7ABC, QMA
CS21-005-102Q	CS21-025-112Q	MDIU MODULE U7C, QMA
CS21-005-103Q	CS21-025-113Q	MDIU MODULE CELL 850, QMA
CS21-005-104Q	CS21-025-114Q	MDIU MODULE 1900+G PCS, QMA
CS21-005-105Q	CS21-025-115Q	MDIU MODULE 2100+3 AWS, QMA
CS21-005-106Q	CS21-025-116Q	MDIU MODULE 2300 WCS, QMA
CS21-005-107Q	CS21-025-117Q	MDIU MODULE 600, QMA
CS21-005-108Q	CS21-025-118Q	MDIU MODULE FirstNet, n14, QMA
CS21-100-100		MDIU 19" CHASSIS KIT
CS21-100-200		MDIU WALL MOUNT KIT

# Westell | MDIU

Modular DAS Interface Unit



Frequency	600, 700UC, 700LABC, SMR800, CELL850, PCS1900+G, AWS1&3, WCS2300 and FirstNet n14
Tx/Rx Isolation:	55dB Min.
Insertion Loss:	5 Watt - 2.3 dB Max.   25 Watt - 7.6 db Max.
Variable Attenuation:	0 - 31 dB both DL & UL Path
PIM:	≤ -161 dBc
Impedance:	50 Ω Nominal
Housing:	Passivated Aluminum
Connectors:	Tx/Rx: 4.3-10 (f), Tx: QMA (f), Rx: QMA (f)
Monitor Port:	Tx-20dB: QMA (f), Rx-20dB: QMA (f)
Weight:	12.5 lbs Fully Loaded
Module Dimensions:	1.75" H x 5.8" W x 9.4" D



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