

PRODUCT CHANGE NOTICE

PCN Form (D4-E000-73)

PCN#23-025

NOTIFICATION DATE: April 24, 2023

MODELS AFFECTED:

Mini-Circuits PN:	Replacement Models:	Replacement Guide:
ZHL-42W+	ZHL-10M4G21W0+	AN-60-117
ZHL-42WX+	ZHL-10M4G21W0X+	AN-60-117

EXTENT OF CHANGE:

Change of Performance Specification

Parameter	Original Part ZHL-42WX+	Replacement Part ZHL-10M4G21W0X+
Operating DC Voltage (Typ.)	15 V	28 V
DC Voltage (Max.)	20 V	30 V
Gain	30 dB Min	31 dB Min
Input VSWR (:1)	2.5 Max	2.4 Max
Output VSWR (:1)	2.7 Max	2.4 Max
RF Input Power	+3 dBm Max	+5 dBm Max

EFFECT OF CHANGE:

No change to FORM (Appearance) or FIT (Dimension)
FUNCTION (Performance) specification changed to reflect performance

REASON FOR CHANGE:

Redesign of Amplifier Series. Change to reflect production performance. No change to the device

EFFECTIVE DATE OF CHANGE:

Immediate

ATTACHMENTS:

n/a

QUESTIONS?

[PLEASE CONTACT US.](#)