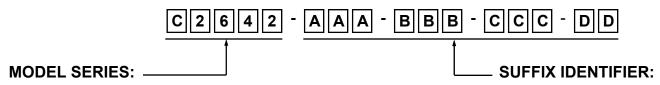
C2642 Dither Generator Module Model Selection



C2642 = Dither generator module..

AAA = INPUT POWER SUPPLY VOLTAGE:

100 = Plus and minus 10 to 30 volts dc.

150 = Plus and minus 15 to 30 volts dc.

BBB = RATED MAXIMUM OUTPUT FREQUENCY:

101 = 100 Hz.

201 = 200 Hz.

501 = 500 Hz.

102 = 1000 Hz.

CCC = RATED OUTPUT VOLTAGE SIGNAL:

050 = Plus and minus 5 volts dc.

100 = Plus and minus 10 volts dc.

DD = FACTORY ASSIGNED OPTION IDENTIFIER:

00 = Standard, no options supplied.

XX = Special features, factory assigned number.

NOTES:

- 1) This dither generator module provides both triangle and square wave output signals. The desired output is selected via the position of a circuit board mounted jumper.
- 2) Both the amplitude and frequency of the output signal are adjustable with the board mounted potentiometers.
- 3) The minimum output frequency is 10% of the maximum value specified by suffix BBB.
- 4) For models with 10 volt dc output signal (suffix CCC = 100) the input power supply must not be less than 15 volts dc (suffix AAA = 150).
- 5) When selecting a dither generator for use with Datatran's linear servo amplifiers, model series C2405 and D2408, the dither generator output voltage (suffix CCC) should be equal to the servo amplifier input voltage.

Datatran

THIS PAGE WAS LEFT BLANK

FOR TECHNICAL ASSISTANCE CONTACT DATATRAN LABS, INC. P.O. BOX 384 SUSSEX, NJ, 07461

TEL: (845)-856-4313 FAX (845) 858-2824

Datatran