

PART NUMBER

KAT177100-XX

REV.

DATE

COMMENTS

INITIAL

FREQUENCY RANGE: DC-18 GHZ

NOMINAL IMPEDANCE: 50 OHMS

NOMINAL ATTENUATION VALUES: (10,20,30,40)dB

POWER SENSITIVITY: < 0.0001 dB/dB/W;
UNIDIRECTIONAL IN POWER.POWER RATE: 200 WATTS AVERAGE, CW/1KW
PEAK(5 MICRO PULSE WIDTH; 3.5% DUTY CYCLE)
TO 25°C AMBIENT TEMPERATURE, DERATED LINEARLY
TO 20 WATTS AT 100°C.

OPERATING TEMPERATURE RANGE: -55°C TO 100 °C

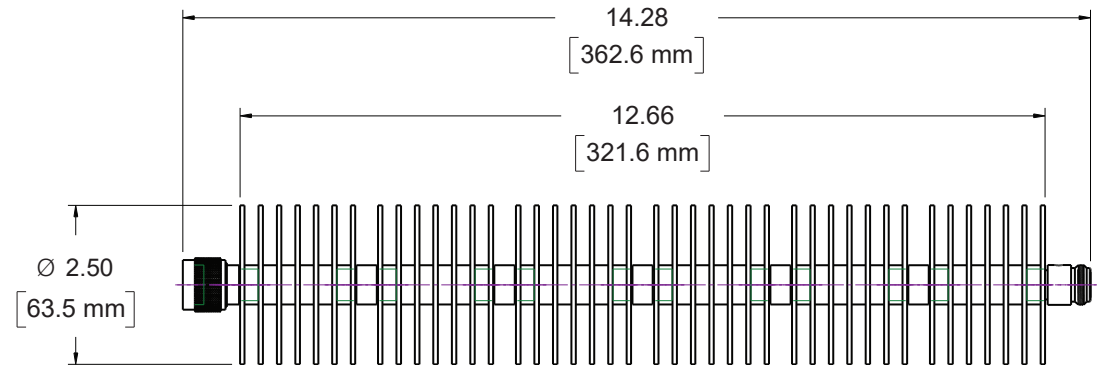
TEMPERATURE COEFFICIENT: < 0.0004 dB/dB/°C

STANDARD NOMINAL VALUES AND DEVIATIONS:

ATTENUATION (dB)	ACCURACY+/- dB	
	DC - 8.0 GHZ	8.0 - 18.0 GHZ
10	2.0	+4.0/-1.0
20,30 AND 40	2.0	+3.0/-2.0

MAXIMUM VSWR:

FREQUENCY(GHZ)	VSWR
DC - 18.0	1.50

RoHS Compliant

Drawing not to scale. Dimensions for reference only

Units: inches (mm) *Drawing Shows N Male/Female -KAT177100 Supplied with N Female/Female

Konnect RFWWW.KONNECTRF.COM
1-800-790-5887

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KAT177100-XX

DESCRIPTION

Fixed Attenuator, N Female/Female

CAGE CODE

664U0

SIGNATURE

X

**Substitute Attenuation Value for XX

CONNECTORS: TYPE-N CONNECTORS PER MIL-STD-348A INTERFACE
DIMENSIONS MATE NONDESTRUCTIVELY WITH MIL-39012
CONNECTORS.CONSTRUCTION: ALUMINUM ALLOY BODY, STAINLESS STEEL
CONNECTORS, GOLD PLATED BERYLLIUM COPPER
CONTACTS.

WEIGHT: 0.95 Kg / 2.1 lbs

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