

# Termination N-Type

**NEW!**  
**KARN-50-18**

50Ω

DC to 18 GHz

## Maximum Ratings

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C

## Features

- wideband coverage, DC to 18 GHz
- 2 watt rating
- rugged construction
- brass body with trimetal finish



CASE STYLE: LL718  
CONNECTOR: N-type male  
PRICE: \$13.95 ea. QTY (1-9)

## Applications

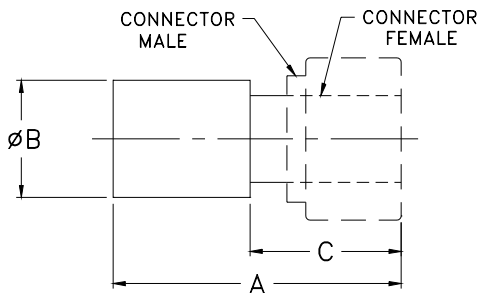
- cellular communications
- satellite communications
- defense communications
- test set-up

## Electrical Specifications

MODEL NO.	FREQUENCY (GHz)	IMPEDANCE (OHMS)	RETURN LOSS (dB) MIN.					POWER RATING* (W)		
			DC-0.5 GHz	DC-1 GHz	DC-2 GHz	DC-4 GHz	DC-8 GHz		DC-12 GHz	DC-18 GHz
KARN-50-18	DC-18	50	35	35	30	30	26	20	18	2

\* At 70°C, derate linearly at 0.025W/°C to 1.25W at 100°C.

## Outline Drawing



## Outline Dimensions (inch/mm)

A	B	C	wt.
inch	inch	inch	grams
1.18	.56	.67	30.0
30.00	14.20	17.0	30.0

## Typical Performance Data

FREQUENCY (MHz)	RETURN LOSS (dB)	
	$\bar{X}$	$\sigma$
100	50.21	6.47
1000	44.44	3.39
2000	41.16	2.75
4000	41.02	4.00
6000	42.43	4.96
8000	32.99	3.85
10000	25.82	2.00
12000	23.41	1.59
14000	24.96	1.62
16000	30.24	4.66
18000	22.88	1.54

