

Termination TYPE-N

NEW!
KARN-50

50Ω

DC to 8 GHz

Maximum Ratings

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

Features

- wideband coverage, DC to 8 GHz
- useable to 9 GHz (return loss, 20 dB typ. at 9 GHz)
- 2 watt rating
- rugged construction
- brass body with trimetal finish

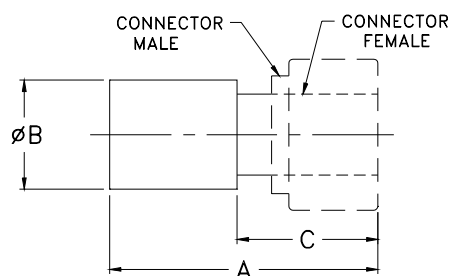
Applications

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



CASE STYLE: LL718
CONNECTOR: N-type male
PRICE: \$11.95 ea. QTY (1-9)

Outline Drawing



Outline Dimensions (inch mm)

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

Electrical Specifications

MODEL NO.	FREQUENCY (GHz)	IMPEDANCE (OHMS)	RETURN LOSS (dB) MIN.					POWER RATING* (W)
			DC-.5 GHz	DC-1 GHz	DC-2 GHz	DC-4 GHz	DC-8 GHz	
KARN-50	DC-8	50	36	32	28	25	20	2

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

Typical Performance Data

FREQUENCY (MHz)	RETURN LOSS (dB)	
	X	σ
100	46.31	3.37
600	46.36	3.36
1000	44.26	3.04
2000	39.83	2.99
3000	37.27	2.46
4000	35.14	2.50
5000	33.72	2.73
6000	34.35	4.53
7000	34.72	4.95
8000	34.96	5.16

