

Termination N-Type

50Ω

DC to 8000 MHz

KARN-50+



Maximum Ratings

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

Features

- wideband coverage, DC to 8000 MHz
- useable to 9000 MHz (return loss, 20 dB typ. at 9000 MHz)
- rugged construction
- brass body with trimetal finish

Applications

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

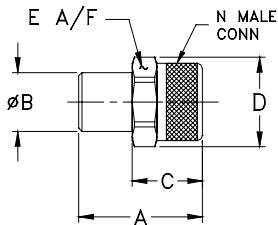
CASE STYLE: LL718

Connectors	Model	Price	Qty.
N-Type-Male	KARN-50+	\$11.95 ea.	(1-9)

+ RoHS compliant in accordance with EU Directive (2002/95/EC)

The +Suffix has been added in order to identify RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

Outline Drawing



Electrical Specifications

FREQUENCY (MHz)	IMPEDANCE (OHMS)	RETURN LOSS (dB) MIN.					POWER RATING* (W)
		DC-.5 GHz	DC-1 GHz	DC-2 GHz	DC-4 GHz	DC-8 GHz	
DC-8000	50	30	30	29	27	20	2

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

Typical Performance Data

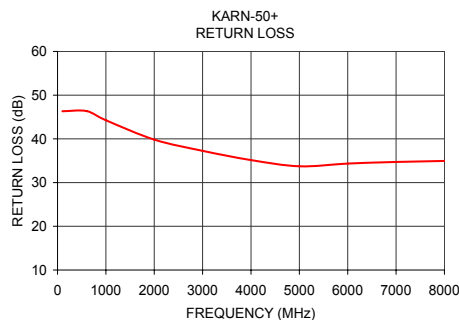
Frequency (MHz)	Return Loss (dB)
100	46.31
600	46.36
1000	44.26
2000	39.83
3000	37.27
4000	35.14
5000	33.72
6000	34.35
7000	34.72
8000	34.96

Outline Dimensions (inch/mm)

A	B	C	D	E	wt
1.18	0.56	0.67	0.85	0.787	grams
29.97	14.22	17.02	21.59	19.99	30.0



To order KARN-50+ with 3½ length chain and end coupling with .130" diameter mtg. hole, use part no. KARN-50CN+. Price is \$14.95, Qty. (1-9)



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RF/IF MICROWAVE COMPONENTS

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