

Termination N-Type

50

DC to 18000 MHz

KARN-50-18+



Maximum Ratings

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

Features

- wideband coverage, DC to 18000 MHz
- 2 watt rating
- rugged construction
- brass body with trimetal finish

CASE STYLE: LL718

| Connectors | Model | Price | Qty. |
|-------------|-------------|-------------|-------|
| N-Type-Male | KARN-50-18+ | \$13.95 ea. | (1-9) |

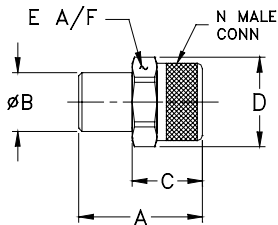
+ RoHS compliant in accordance with EU Directive (2002/95/EC)

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

Applications

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

Outline Drawing



Electrical Specifications

| FREQUENCY (MHz) | 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 | |
| DC-18000 | 50 | 35 | 35 | 30 | 30 | 26 | 20 | 18 | 2 |

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

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 |

Typical Performance Data

| Frequency (MHz) | Return Loss (dB) |
|-----------------|------------------|
| 100 | 50.21 |
| 1000 | 44.44 |
| 2000 | 41.16 |
| 4000 | 41.02 |
| 6000 | 42.43 |
| 8000 | 32.99 |
| 10000 | 25.82 |
| 12000 | 23.41 |
| 14000 | 24.96 |
| 16000 | 30.24 |
| 18000 | 22.88 |

