

# SPECIFICATIONS

## ELECTRICAL

| 3142C           | With Standard Bow-tie Elements  | With Optional End Plates  |
|-----------------|---|---|
| Frequency Range | 26-3000 MHz   | 26-3000 MHz   |
| Input Impedance | 50 $\Omega$   | 50 $\Omega$   |
| VSWR            | 2:1 average   | 2:1 average   |
| CW power        | 26 MHz – 60 MHz<br>500 W<br>60 MHz – 600 MHz<br>1kW<br>600 MHz – 1GHz<br>750W<br>1 GHz – 3 GHz<br>500 W | 26 MHz – 60 MHz<br>500 W<br>60 MHz – 600 MHz<br>1kW<br>600 MHz – 1GHz<br>750W<br>1 GHz – 3 GHz<br>500 W |
| Symmetry        | +/- 0.5 dB  | +/- 0.5 dB  |
| Connector       | N female  | N female  |

## PHYSICAL

| 3142B               | With Standard Bow-tie Elements | With Optional End Plates |
|---------------------|--------------------------------|--------------------------|
| Height (bow-tie)    | 75 cm<br>29.5 in               | 75 cm<br>29.5 in         |
| Width (bow-tie)     | 135 cm<br>53.1 in              | 136 cm<br>53.5 in        |
| Depth (boom length) | 90 cm<br>35.4 in               | 132 cm<br>51.9 in        |
| Weight              | 4 kg<br>8.8 lb                 | 6.8 kg<br>14.9 lb        |