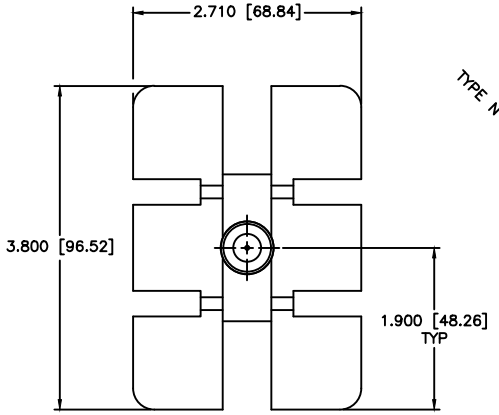
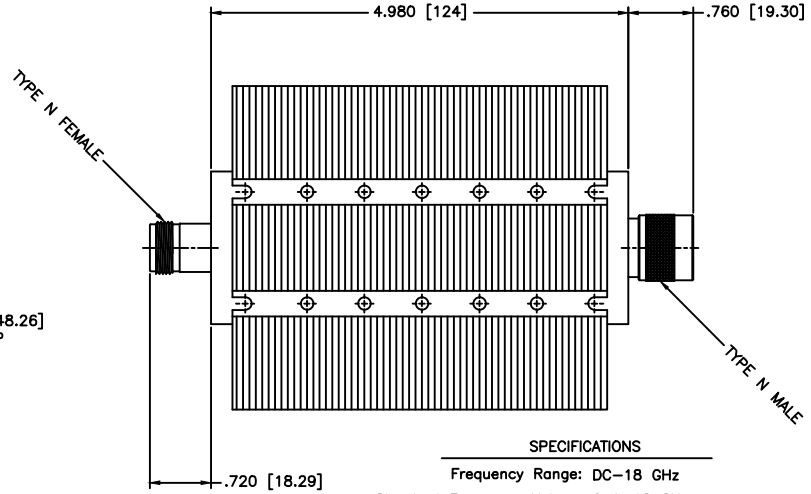
| REVISIONS | | | | |
|---|---|---|---|---|
| ZONE | REV | DESCRIPTION | DATE | APPROVED |

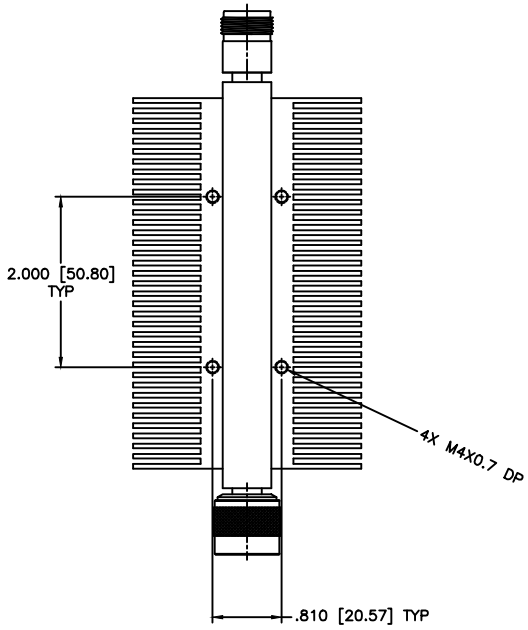
PART NUMBER / FREQUENCY

FAS-14-dB DC to 2.0 GHz

FAS-19-dB DC to 18.0 GHz




SPECIFICATIONS

| | |
|---|---|
| Frequency Range: | DC-18 GHz |
| Standard Frequency Values: | 6 & 18 GHz |
| Common dB Values: | 3, 6, 10, 20 & 30dB |
| Attenuation Accuracy: | DC-12.4GHz 12.4-18GHz |
| 3dB, 6dB | ±0.75dB ±0.75dB |
| 10dB, 20dB | ±0.75dB ±1.00dB |
| 30dB | ±1.00dB ±1.25dB |
| VSWR Max. | |
| DC-6, 12, & 18GHz: | 1.25:1, 1.35:1, 1.45:1 |
| Power: | 50W Avg. @ 25°C, 500W Peak |
| | Avg. Derated Linearly to 10W @ +125°C |
| Operating Temperature: | -65°C to +125°C |
| Impedance: | 50 ohms |

Mechanical

| | |
|---|---|
| SMA Connectors: | Passivated Stainless Steel |
| Conductors: | Gold Plated Beryllium Copper |
| Housing: | Anodized Aluminum |

MATERIAL:

DRAWN: Palboon L. DATE: 02/27/2026

APPROVED: T. Nguyen 02/27/2026

MCLI

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https://www.MCLI.com

UNLESS OTHERWISE SPECIFIED:
TOLERANCES
IN (INCHES) OR [mm] (MILLIMETERS)
FRACTIONS: ± 1/64
DECIMALS: ±.030
ANGLE: ±1/2°

GENERAL NOTES
THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR DISCLOSED WITHOUT WRITTEN PERMISSION FROM MICROWAVE COMMUNICATIONS LABORATORIES INC. (MCLI)
THIRD ANGLE PROJECTION

SCALE: N/A
SHEET: N/A

DRAWING TITLE: TYPE N ATTENUATOR

PART NO.: FAS-14-dB

CAGE CODE: 0D2L5

SIZE: N/A REV: N/A

DWG NO.: 83813

DO NOT SCALE THE DRAWING