

| REV | DESCRIPTION OF REVISION | By | DATE | APPROVED |
|-----|-------------------------|--------|------------|----------|
| A | INITIAL RELEASE | C. Cai | 2022/12/21 | C. Chen |

TECHNICAL DATA

► Electrical Data

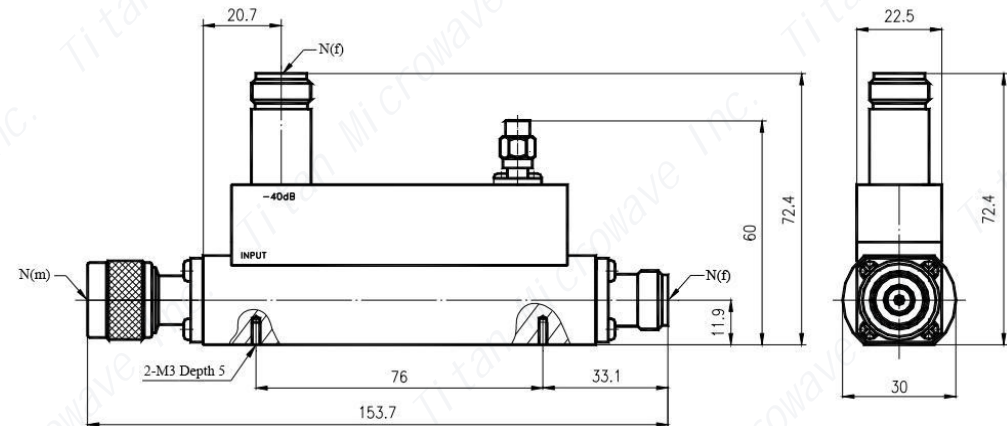
| | |
|-------------------|--------------|
| Frequency Range | 2000~8000MHz |
| Nominal Coupling | 40±1.0dB max |
| Insertion Loss | 0.25dB max |
| Main Line VSWR | 1.25 max |
| Coupled Line VSWR | 1.50 max |
| Directivity | 14dB min |
| Impedance | 50 Ohms |
| Average Power | 400W |
| Peak Power | 5kW max |

► Mechanical Data

| | |
|-------------------------|-----------------------|
| Input/Output Connectors | N-Male & N-Female |
| Coupled Port | N-Female |
| Housing Material | Aluminum 6061 |
| Surface Finish | Black/Blue/Gray Paint |
| Dimensions | 153.7×30×72.4mm |

► Environmental Data

| | |
|-----------------------|-----------|
| Operating Temperature | -40℃~+70℃ |
|-----------------------|-----------|



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|--------------------------------------|-------|----------|
| DRAWN: L. Ma 21/12/22 | | |
| ENGINEER: J. Zhu 21/12/22 | | |
| APPROVED: C. Chen 21/12/22 | | |
| TOLERANCE UNLESS OTHERWISE SPECIFIED | | |
| x | ±0.50 | [0.019"] |
| .x | ±0.20 | [0.008"] |
| .xx | ±0.10 | [0.004"] |
| ANGLES | ±1° | |

TITLE:
Directional Coupler,
2-8GHz, Coupling 40dB,
400W, N-Male/Female

PART No.:
TMDC-02000800-40N400



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

| | | | |
|-------------|--------|---------------|-----------|
| SIZE: A4 | SCALE: | SHEET: 1/1 | REV: A |
|-------------|--------|---------------|-----------|

Notes:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
- CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY