

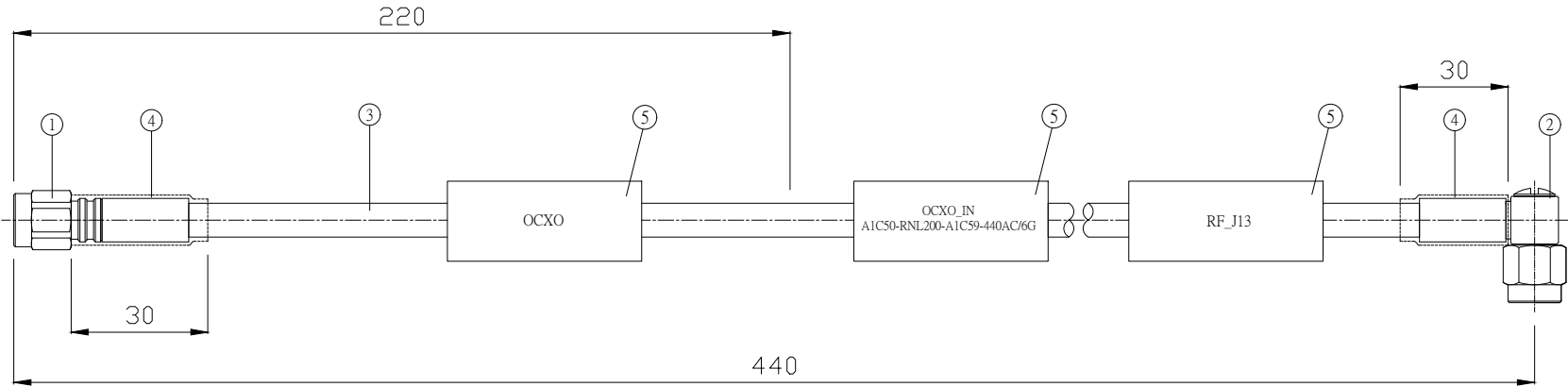
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

| Rosnol P/N                  |           | Length (mm)                                                   |
|-----------------------------|-----------|---------------------------------------------------------------|
| A1C50-RNL200-A1C50-440AC/6G |           | 440                                                           |
| Frequency                   | VSWR Max. | Insertion Loss Max.                                           |
| 6 GHz                       | 1.25      | $\leq 0.0011(\text{dB/mm}) * L (\text{mm}) + 0.1 (\text{dB})$ |

SPECIFICATION CONTROL DRAWING

REVISION

| REV. | DESCRIPTION     | DATE        | APPROVED |
|------|-----------------|-------------|----------|
| -    | INITIAL RELEASE | MAR/26/2024 |          |



- NOTES:
- 1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
  - 2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:  
ROSNOL DC-6 GHz  
A1C50-RNL200-A1C59-440AC/6G

| 5   | LABEL HEAT SHRINK TUBE | HST-W-D4-125C-G   | 1     | EA  |
|-----|------------------------|-------------------|-------|-----|
| 4   | HEAT SHRINK TUBE       | HST-B-D6.4-125C   | 2X 30 | mm  |
| 3   | CABLE                  | ROSNOL RNL200     | 440   | mm  |
| 2   | SMA R/A SOLDER PLUG    | SMA1E59-R200A/911 | 1     | EA  |
| 1   | SMA SOLDER PLUG        | SMA1E50-R200A/144 | 1     | EA  |
| NO. | DESCRIPTION            | PARTS NO.         | QTY.  | U/M |

DIMENSION ARE IN MM [INCH]

TOLERANCES

DECIMALS  
.X  $\pm 6.35$  [.250"]  
.XX  $\pm 3.18$  [.125"]  
.XXX  $\pm 1.52$  [.060"]  
DEGREES  
X°  $\pm 1^\circ$

|          |      |           |
|----------|------|-----------|
| CUSTOMER | REV  | UNIT      |
|          | -    | mm [inch] |
| APPROVED | DATE |           |
| DRAWN    | DATE |           |

**ROSNOL**

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N-CAGE Code: SFKK0

|                                                                                      |
|--------------------------------------------------------------------------------------|
| TITLE                                                                                |
| SMA Plug (Male) to SMA R/A Plug (Male)<br>0.44 Meter Cable Assembly for RNL200 Cable |
| DRAWING NO.                                                                          |
| A1E50-RNL200-A1E59-440AC/6G                                                          |