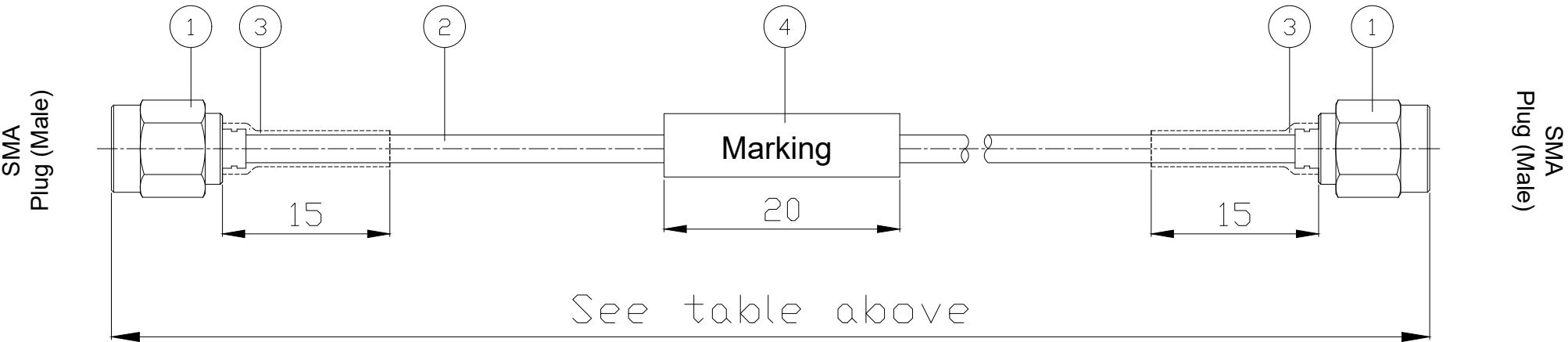


INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

| Rosnol P/N                      |           | Length (inches)                    |
|---------------------------------|-----------|------------------------------------|
| A1E50-RSF085FEP-A1E50-6inA/ 18G |           | 6                                  |
| Frequency                       | VSWR Max. | Insertion Loss Max.                |
| 18 GHz                          | 1.25      | ≤ 0.12 (dB/in) * L (in) + 0.1 (dB) |

SPECIFICATION CONTROL DRAWING

| REVISION |                 |             |          |
|----------|-----------------|-------------|----------|
| REV.     | DESCRIPTION     | DATE        | APPROVED |
| -        | INITIAL RELEASE | MAR/22/2024 |          |



- NOTES:
- 1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
  - 2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:  
ROSNOL DC-18 GHz  
A1E50-RSF085FEP-A1E50-6inA/18G

|     |                        |                  |       |     |                                                                                                                                                      |          |      |           |
|-----|------------------------|------------------|-------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|-----------|
| 4   | LABEL HEAT SHRINK TUBE | HST-W-D6-125C-G  | 1     | EA  | DIMENSION ARE IN MM [INCH]<br><br>TOLERANCES<br><br>DECIMALS<br>.X ± 6.35 [.250"]<br>.XX ± 3.18 [.125"]<br>.XXX ± 1.52 [.060"]<br>DEGREES<br>X° ± 1° | CUSTOMER | REV  | UNIT      |
| 3   | HEAT SHRINK TUBE       | HST-B-D4-125C    | 2X 15 | EA  |                                                                                                                                                      | APPROVED | DATE | mm [inch] |
| 2   | CABLE                  | ROSNOL RSF085FEP | 6     | in  |                                                                                                                                                      |          |      |           |
| 1   | SMA SOLDER PLUG        | A1E50-EZ085A/91X | 2     | EA  |                                                                                                                                                      | DRAWN    | DATE |           |
| NO. | DESCRIPTION            | PARTS NO.        | QTY.  | U/M |                                                                                                                                                      |          |      |           |

ROSNOL

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N-CAGE Code: SFKK0

|                                                                               |
|-------------------------------------------------------------------------------|
| TITLE                                                                         |
| SMA Plug (Male) to SMA Plug (Male)<br>6 in Cable Assembly for RSF085FEP Cable |
| DRAWING NO.                                                                   |
| A1E50-RSF085FEP-A1E50-6inA/18G                                                |