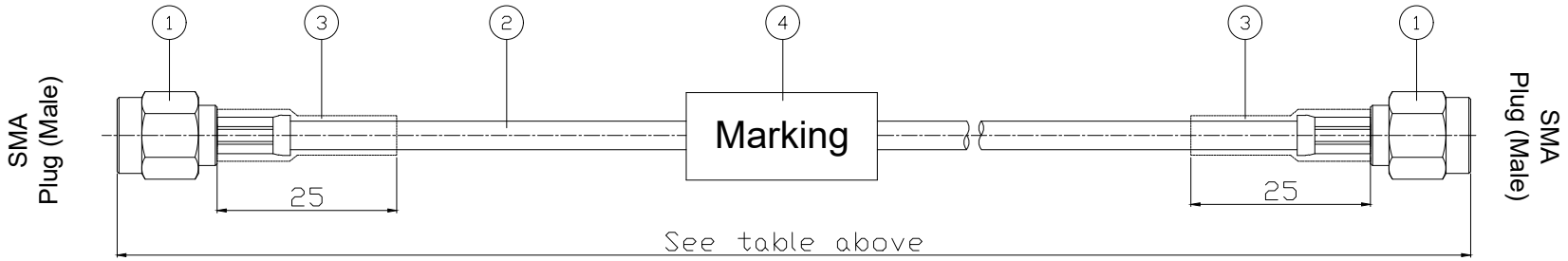
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# SPECIFICATION CONTROL DRAWING

| REVISION | | | |
|---|---|---|---|
| REV. | DESCRIPTION | DATE | APPROVED |
| – | INITIAL RELEASE | MAR/5/2024 | |

| Rosnol P/N | Length (mm) |
|---|---|
| A1C50-RG316-A1C50-1100A/6G | 1100 |
| A1C50-RG316-A1C50-2000A/6G | 2000 |
| A1C50-RG316-A1C50-2550A/6G | 2550 |
| A1C50-RG316-A1C50-3000A/6G | 3000 |
| A1C50-RG316-A1C50-XXXA/6G | Custom Length |

| Frequency | VSWR Max. | Insertion Loss Max. |
|---|---|---|
| 6 GHz | 1.25 | ≤ 0.003 (dB/mm) * L (mm) + 0.1 (dB) |




NOTES:
1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
4) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC-6 GHz
A1C50-RG316-A1C50-XXXA/6G
WWYY-SERIAL NUMBER

| NO. | DESCRIPTION | PARTS NO. | QTY. | U/M |
|---|---|---|---|---|
| 4 | LABEL HEAT SHRINK TUBE | HST-W-D4-125C-G | 1 | EA |
| 3 | HEAT SHRINK TUBE | HST-B-D7.0-125C | 2X 25 | mm |
| 2 | CABLE | ROSNOL RG316 Cable | XXX | mm |
| 1 | SMA CRIMP PLUG | SMA1C50-G316A/144 | 2 | EA |

DIMENSION ARE IN MM [INCH]

TOLERANCES

DECIMALS
.X ± 6.35 [.250"]
.XX ± 3.18 [.125"]
.XXX ± 1.52 [.060"]
DEGREES
X° ± 1°

CUSTOMER | REV – | UNIT mm [inch]

APPROVED DATE

DRAWN DATE

ROSNOL
RF/Microwave Technology
www.rosnol.com
info@rosnol.com
N-CAGE Code: SFKK0

TITLE
**SMA Plug (Male) to SMA Plug (Male)**
**0.5 Meter Cable Assembly for RG316 Cable**

DRAWING NO.
**A1C50-RG316-A1C50-500A/6G**