**Custom may now be Standard**

*We believe your first choice should be Narda’s standard SEM switch series – even if you have always ordered custom-part switches. Narda has more standard switches than any company in the industry. If you haven’t reviewed this expanded line of stocked SEM switches, please refer to the cross reference at the left.*

**But, if standard still won’t do…**

It’s easy to determine the number of a custom pick Narda switch that will correctly satisfy your intended application. Simply use the Part Number Chart on the next page. Referring to this chart, sequentially select the desired switch characteristics and options from Group 1 through Group 9. (The terms used here are defined in the Glossary on page 233.)

Within each group, select the number or letter representing the desired configuration or feature and record it in the manner shown by the “typical part number” on the chart. (The open boxes below are provided to assist you in using the part numbering process.)

Note that the last digit in part number Group 1 is indicative of envelope size and requires reference to the individual specifications and drawings in this catalog.

Select only one character from each part number group except for the Group 3 options. In Group 3, you many select as many options as applicable.

In Group 1, four items identified as “series number modifiers” call for further explanation:

- **6XXX** - If a matrix type switch is required, precede the selected series number with modifier number “6” (for example, specify 6080 for an eight position matrix switch).

- **8XXX** - If you are able to configure a required switch from the features and options listed here, but will be imposing your own design or test specification, precede the selected series number with modifier number “8” to indicate to us that our standard switch may require special treatment.

- **9XXX** - When a deviation from a standard design is required (for example, painted housing instead of black anodized), precede the selected series number with the number “9.” Then contact your Narda Regional Sales Manager (see Sales Representatives listing on page 354).

To confirm that desired options are available for the selected switch series, please refer to the individual switch specifications in this catalog. Any other question that may arise in determining the proper part number should be addressed to your Narda Regional Sales Manager.

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**Part Number Grouping (see next page for part number charts)**

<table>
<thead>
<tr>
<th>GROUP 1</th>
<th>GROUP 3</th>
<th>GROUP 5</th>
<th>GROUP 7</th>
<th>GROUP 9</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWITCH SERIES</td>
<td>OPTIONS</td>
<td>TERMINALS</td>
<td>FREQUENCY</td>
<td>MOUNTING</td>
</tr>
<tr>
<td>GOES HERE</td>
<td>GOES HERE</td>
<td>GOES HERE</td>
<td>GOES HERE</td>
<td>GOES HERE</td>
</tr>
</tbody>
</table>

- **GROUP 1**
  - SWITCH SERIES
  - WHEN REQUIRED, SERIES NUMBER MODIFIER GOES HERE

- **GROUP 2**
  - ACTUATION GOES HERE

- **GROUP 3**
  - OPTIONS

- **GROUP 4**
  - RF CONNECTORS GOES HERE

- **GROUP 5**
  - TERMINALS GOES HERE

- **GROUP 6**
  - VOLTAGE GOES HERE

- **GROUP 7**
  - FREQUENCY GOES HERE

- **GROUP 8**
  - POLARITY GOES HERE

- **GROUP 9**
  - MOUNTING GOES HERE
# Part Number Charts

**GROUP 1**
**SWITCH SERIES**
- 022 - SP2T 063 - SP6T
- 023 - SP2T 073 - SP7T
- 025 - SP2T 075 - SP7T
- 026 - SP2T 083 - SP8T
- 030 - SP3T 085 - SP8T
- 032 - SP3T 091 - SP9T
- 033 - SP3T 093 - SP9T
- 036 - SP3T 100 - SP10T
- 040 - SP4T 101 - SP10T
- 042 - SP4T 103 - SP10T
- 043 - SP4T 110 - SP11T
- 046 - SP4T 120 - SP12T
- 050 - SP5T 130 - Transfer
- 052 - ST5T 132 - Transfer
- 053 - SP5T 136 - Transfer
- 056 - SP5T 150 - 2-SP2T
- 060 - SP6T 156 - 2-SP2T
- 062 - SP6T

**MODIFIERS:**
- 6XXX - Matrix Switches
- 8XXX - Customer Specification
- 9XXX - Modified Standard

**GROUP 3**
**OPTIONS**
- 0 - None
- 1 - 50 Ohm Terminations
- 2 - Indicator Circuitry
- 3 - Suppression Diodes
- 4 - TTL Logic
- 5 - Other (Specify)**
- 7 - Self De-energizing Circuitry*

**GROUP 5**
**TERMINALS**
- 1 - Solder (Standard)
- 2 - Power Connector/ Fast Disconnect (Standard MIL)
- 3 - Power Connector/ Fast Disconnect (Sub Min. "D")

**GROUP 7**
**FREQUENCY**
- 0 - DC - 1 GHz
- 1 - DC - 3 GHz
- 2 - DC - 8 GHz
- 3 - DC - 12.4 GHz
- 4 - DC - 18 GHz
- 5 - DC - 18.5 GHz
- 6 - DC - 26.5 GHz
- 8 - DC - 6 GHz

**GROUP 9**
**MOUNTING**
- 0 - Standard Mounting Holes
- 1 - Bracket
- 2 - Flange
- 3 - Other (Specify)**

**GROUP 2**
**ACTUATION**
- A - Failsafe
- B - Latching**
- C - Latching Reset
- D - Normally Open
- DA - Normally Open Failsafe to Position 1

**GROUP 4**
**RF CONNECTORS**
- A - SMA
- B - TNC
- D - Type N
- G - Other (Specify)**

**GROUP 6**
**VOLTAGE**
- B - 12 Vdc
- C - 24 Vdc
- D - 28 Vdc
- E - 48 Vdc
- G - Other (Specify)**
- H - 15 Vdc
- I - 18 Vdc

**GROUP 8**
**POLARITY**
- A - Common Plus
- B - Common Minus
- C - Not Relevant to Application for Switches with Logic

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* If this option is selected, suppression diodes (option 3) must also be selected

** Requires pulse control of duration 30 to 100 ms unless self de-energizing circuitry option is chosen;
Self de-energizing circuitry is recommended for multi-throw switches

‡ Sample Part Number identifies: SP2T switch, latching, 50 ohm termination, indicator circuitry, suppression diodes, TTL logic,
SMA connectors, solder terminals, 24 Vdc, DC-26.5 GHz, polarity not relevant

**‡‡ Consult the factory if “Other” is specified in any field