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MATRIX SYSTEMS

Switching Systems and Modules

MODEL NUMBER ASSIGNEMENT

70000 Series

7[**S**]0[**NT**]-[**O**]

[**S**] - Series:
- **1** - Standard
- **2** - Self-terminating
- **3** - High isolation
- **4** - Highest isolation
- **5** - High power
- **6** - Highest isolation, self-termination
- **7** - Mercury wetted contacts
- **8** - Twinax
- **9** - Triax

[**NT**] - Number of throws (N):
- (**2** to **24**)

[**O**] - Options (BNC Standard):
- **T** - TNC connectors
- **S** - SMA connectors
- **F** - F-type connectors
- **ZZ** - Self-termination (Ohms): (-50, -75, -93)
- **I** - Insulated shields
- **IS** - Insulated & switched shields
- **E** - Expander output

EXAMPLE: 73005-T-IS-E

70A00 Series

7[**S**]A[**NT**]-[**O**]

[**S**] - Series:
- **2** - self-termination
- **6** - Highest isolation, self-termination

[**NT**] - Number of throws (N):
- (**2** to **24**)

[**O**] - Options (BNC Standard):
- **TR** - Triax connectors
- **T** - TNC connectors
- **S** - SMA connectors
- **ZZ** - Self-termination (Ohms): (-50, -75, -93)
- **1** - 0.5-250MHz RF Amplifier
- **2** - DC-100MHz Video Amplifier
- **3** - DC-200MHz Video

EXAMPLE: 76A12-T-50-1

R70000 Series

R7[**S**]0[**NT**]-[**O**]...

[**S**] - Series:
- **4** - self-termination
- **6** - Highest isolation

[**NT**] - Number of throws (N):
- **02** - Two throws
- **04** - For throws
- **08** - Eigth throws
- **10** - Ten throws

[**O**] - Options (BNC Standard):
- **T** - TNC connectors
- **S** - SMA connectors
- **F** - F-type connectors
- **D** - Coil suppression diodes with coil common negative
- **DR** - Coil suppression diodes with coil common positive
- **ZZ** - Self-termination (Ohms): (-50, -75, -93)
- C - Without mating connector

EXAMPLE: R76008-75-T

9000 Series

9[**S**][**NT**]-[**O**]...

[**S**] - Series
- **1**
- **2**
- **4**
- **5**
- **9**

[**NT**] - Number of positions

[**O**] - Options (BNC Standard):
- **TR** - Triax connectors
- **MR** - Mounting right

EXAMPLE: 9116-TR-MR

Model 9100-R

91[**NN**]-R-[**ZZ**]

NN - Ways(N)
ZZ - Impedance (Ohms):(-50, -75, -93)
EXAMPLE: 9112-75

Model 5100A

51[**NN**]A-[**ZZ**]
NN - Ways(N)
ZZ - Impedance (Ohms):(-50, -75, -93)
EXAMPLE: 5108A-50

Model 61053A

61053A-[**ZZ**]-[**O**]
[**ZZ**] - Impedance (Ohms):(-50, -75, -93)
[**O**] - Options (BNC Standard):
T - TNC connectors
S - SMA connectors
EXAMPLE: 61053A-75-S

Model 8560

8560-[**ZZ**]-[**L**]-[**T**]
[**ZZ**] - Impedance (Ohms) (-50, -75, -93)
[**L**] - Cable Length (up to 300 ft)
[**T**] - Cable Type
EXAMPLE: 8560-75-150-RG59

Model 61057

61057-[**O**][**X**]
[**O**] - Options:
0 - Dry Reeds
1 - Mercury wetted reeds
2 - Low Thermal EMF dry reeds
[**X**] - Extra Options:
1 - Rack and panel mate.
Mates with Cinch p/n 57-20500
4 - Cable Plug mate.
Mates with Cinch p/n 57-30500 (Supplied)
EXAMPLE: 61057-14

7000 Series

7[**S**][**NT**]-[**O**]...
[**S**] - Series:
1 - Standard
2 - self-termination
3 - High isolation
4 - Highest isolation
5 - High power
6 - Highest isolation, self-termination
7 - Mercury wetted contacts
8 - Twinax
9 - Triax
[**NT**] - Number of throws(N): **2** to **24**
[**O**] - Options:
D - Coil suppresion diodes with coil common negative
DR - Coil suppresion diodes with coil common positive
T - TNC connectors
S - SMA connectors
F - F-type connectors
[**ZZ**] - Self-terminating(Ohms) (-50, -75, -93)
I - Insulated shields
IS - Insulated & switched shields
E - Expander output
C - Chassis mount
CT - 2 threded holes for 11600 chassis mount
CM - With mating connector
V - Optional voltage: Contact Factory
EXAMPLE: 7305-DR-T-IS-C

1600 Series

16[**NT**]
[**NT**] - Number of switchpoints to be controlled
EXAMPLE: 1612

Model 1493B

1493B-[**DS**]-[**VVV**]V
[**DS**] - Depth sizes (inches): (-20, -25, -28)
[**VVV**] - Line voltage (volts): (-115, -220)
EXAMPLE: 1493B-25-220V

7000-TTL Series

7[**S**][**NT**]-TTL-[**O**]...
[**S**] - Series:
1 - Standard
2 - self-termination
3 - High isolation
4 - Highest isolation
5 - High power
6 - Highest isolation, self-termination
7 - Mercury wetted contacts
8 -Twinax
9-Triax
[**NT**] - Number of throws (N): (**2** to **24**)
[**O**] - Options (BNC Standard):
T - TNC connectors
S - SMA connectors

F - F-type connectors
ZZ - Self-termination (Ohms): (-50, -75, -93)
I- Insulated shields
IS - Insulated & switched shields
E - Expander output
CM - With mating connector

EXAMPLE: 73005-TTL-IS

RS7000 Series

RS7[**S**][**NT**]-[**O**]-[**VVV**]V...

[**S**] - Series:
1 - Standard
2 - self-termination
3 - High isolation
4 - Highest isolation
5 - High power
6 - Highest isolation, self-termination
7 - Mercury wetted contacts
8 -Twinax
9 -Triax

[**NT**] - Number of throws (N): (2 to 24)

[**O**] - Options (BNC Standard):
T - TNC connectors
S - SMA connectors
F - F-type connectors
ZZ - Self-termination (Ohms): (-50, -75, -93)
I - Insulated shields
IS - Insulated & switched shields
E - Expander output

[**VVV**] - Line voltage:
115 - Standard
220 - Optional

EXAMPLE: RS7109-IS-220V

6800C Series

68[**CC**]B-[**O**]-[**III**]

CC - Configuration (model number)
01 - 10x20x2 wire matrix
02 - dual 10x10x2 wire matrix
03 - 5x40x2 wire matrix
06 - 1x200x2 wire scanner
07 - 2x100x2 wire matrix
08 -dual 5x20x2 wire matrix
11 -dual 1x100x2 wire scanner

[**O**] - Options:
1 - Dry contacts
2 - Mercury contacts

[**III**] - Control interface (-488, -232)

Model 10046

10046-[**NP**]-[**III**]

[**NP**] - Number of poles (up to 25)

[**III**] - Control interface (-488, -422, -232)

EXAMPLE: 10046-12-422

Model 12744-50-2

12744-[**ZZ**]-[**C**]

[**ZZ**] - Impedance (Ohms)

[**C**] - Configuration

EXAMPLE: 12744-50-2

Model 12741-75-50

12741-[**ZI**]-[**ZO**]

[**ZI**] - Input Impedance (Ohms)

[**ZO**] - Output Impedance (Ohms)

EXAMPLE: 12741-75-50

Model 12740-50-75

12740-[**ZI**]-[**ZO**]

[**ZI**] - Input Impedance (Ohms)

[**ZO**] - Output Impedance (Ohms)

EXAMPLE: 12740-50-75



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