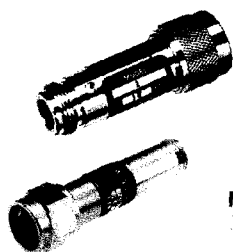


Type N Connectors



Models 1, 1W & 2
EXPRESS

Model 44
EXPRESS

- MIL-A-3933 QPL
- Low Cost RF & Wireless Models (1W)
- Ruggedized Construction
- Male/Female Connector Options

Specifications:

MAX SWR:

FREQ (GHz)	MODEL			
	1W	1	2	44
dc-4	1.25	1.15	1.15	1.15
4-8	N/A	1.20	1.20	1.20
8-12.4	N/A	1.25	1.25	1.20
12.4-18	N/A	N/A	1.40	1.25

MAX Deviation over FREQ (dB):

ATTN NOM (dB)	MODEL			
	1W	1	2	44
1-9	±0.30	±0.30	±0.30	±0.30
10, 20	±0.30	±0.50	±0.50	±0.50
30, 40	±0.75	±0.75	±1.00	±1.00
50	N/A	±0.75	±1.25	±1.50
60	N/A	±1.00	±1.50	±1.50

Power Rating:

Model 1, 2, 44: 5 W average, 1 kW peak
Model 1W: 2 W average, 250 W peak

Dimensions:

Models 1 & 2: 2.28" long (up to 30 dB)
2.68" long (40 to 60 dB)

Model 1W: 1.79" long

Model 44: 3" long (up to 30 dB)
3.4" long (40 to 60 dB)

SMA Connectors

Models 3M/4M
EXPRESS



Models 4H & 4W



Models 3T/4T
EXPRESS

Models 3330A/3331A
EXPRESS



EXPRESS



- MIL-A-3933 QPL
- Low Cost RF & Wireless Models (4W, 3330A & 3331A)
- Ruggedized SMA Connectors (Models 3T, 4T, 3M, & 4M only)
- Male/Female Connector Options
- Hex & Round body Configurations

Specifications:

MAX SWR:

FREQ (GHz)	MODEL				
	4W	3T/3M	4H	4T/4M	3330A 3331A
dc-4	1.25	1.15	1.25	1.15	1.15
4-8	N/A	1.20	1.25	1.20	1.30
8-12.4	N/A	1.25	1.25	1.25	1.30
12.4-18	N/A	N/A	1.35	1.35	1.40

MAX Deviation over FREQ (dB):

ATTN NOM (dB)	MODEL				
	4W	3T/3M	4H	4T/4M	3330A 3331A
0	N/A	N/A	±0.20	N/A	N/A
1, 2	±0.30	±0.30	±0.30	±0.50	±0.30
3-6	±0.30	±0.30	±0.30	±0.30	±0.30
7-10	±0.30	±0.30	±0.30	±0.50	±0.50
20	±0.50	±0.50	±0.70	±0.70	±0.50
30	±0.75	±0.75	±0.70	±1.00	±0.70
40	±0.75	±0.75	N/A	±1.00	±1.00
50, 60	N/A	±1.00	N/A	±1.50	±1.50

Power Rating:

2 W average, 500 W peak (300 W peak for 4H/4W & 250 W peak for 3330A, & 3331A)

Dimensions

Model	dB VALUE (dim in inches)			
	1-10	20	30	40-60
4H	0.75	0.85	0.95	N/A
4W	0.70	0.83	0.83	N/A
3T/4T	0.86	0.94	1.04	1.34
3M/4M	1.20	1.20	1.85	1.85
Model	1-12		13-30	
3330A/3331A	0.855		0.985	

SMA, 2.92mm, & 3.5 mm Connectors

Model 56 (3.5 mm)



Model 54 (2.92mm)
EXPRESS



Model 69 (SMA)
EXPRESS



Model 75 (2.92mm)



- Ruggedized Construction
- Low SWR & Flat Response
- Broadband Frequency Coverage
 - Model 54, 75: dc-40 GHz
 - Model 56: dc-26.5 GHz
 - Model 69: dc-18 GHz
- Male/Female Connector Options (Model 54 only)
- Designed to meet environmental requirements of MIL-A-3933

Specifications:

MAX SWR:

FREQ (GHz)	MODEL			
	69	56	54	75
dc-4	1.15	1.10	1.35	1.20
4-8	1.25	1.10	1.35	1.20
8-12.4	1.30	1.15	1.35	1.20
12.4-18	1.35	1.25	1.35	1.20
18-26.5	N/A	1.25	1.35	1.35
26.5-40	N/A	N/A	1.60	1.35

MAX Deviation over FREQ (dB):

ATTN NOM (dB)	MODEL			
	69*	56	54	75
3 (1-5)	±0.3	±0.5	±1.1	±1.0
6	±0.3	±0.5	±1.0	±1.0
10 (7-10)	±0.5	±0.5	±1.0	±1.0
20	±0.5	±0.5	±1.0	±1.0
30	±0.5	±0.5	±1.4	±1.4

* Model 69 available in 1-10 dB

Power Rating:

Model 54: 2 W average, 200 W peak
Model 56: 2 W average, 500 W peak
Model 69: 5 W average, 500 W peak
Model 75: 5 W average, 200 W peak

Dimensions:

Model 54: 1.75" long
Model 56: 1.25" long
Model 69: 1.23" long
Model 75: 1.94" square