

# Flex Test, 1.85mm-Male/1.85mm-Female Ruggedized

## Instrumentation Test Cable

## VNAX-3FT-EMERF+

### Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	1.85mm MALE RETURN LOSS (dB)	1.85mm FEMALE Ruggedized RETURN LOSS (dB)
100	0.17	41.57	40.30
200	0.25	38.54	38.98
300	0.30	38.31	39.39
400	0.36	50.85	44.88
500	0.40	39.99	40.03
600	0.44	38.10	38.91
700	0.48	36.32	39.69
800	0.52	46.51	48.02
900	0.55	41.47	41.12
1000	0.58	36.87	37.43
3000	1.01	28.76	28.66
4000	1.16	44.46	44.63
5000	1.31	37.35	44.70
6000	1.45	35.24	33.59
7000	1.57	32.94	32.81
8000	1.69	28.67	28.05
9000	1.80	42.03	33.39
10000	1.91	27.33	28.38
11000	2.00	32.62	39.61
12000	2.11	27.66	26.75
13000	2.19	33.35	32.66
14000	2.28	30.15	33.61
15000	2.38	25.51	25.36
16000	2.46	39.21	32.30
17000	2.54	32.80	30.51
18000	2.62	36.84	31.41
19000	2.71	32.02	30.00
20000	2.79	29.54	27.74
21000	2.86	38.13	29.57
22000	2.94	28.13	26.57
23000	3.01	34.49	37.63
24000	3.08	34.56	34.59
25000	3.16	36.72	36.30
26000	3.23	31.94	32.02
27000	3.30	30.66	32.43
28000	3.37	46.39	37.54
29000	3.44	32.25	31.31
30000	3.51	35.88	36.73
32000	3.65	29.79	31.03
34000	3.78	29.25	31.39
36000	3.91	27.48	30.57
38000	4.04	28.48	31.95
40000	4.18	24.68	29.59
42000	4.30	26.72	32.38
44000	4.44	24.46	38.21
46000	4.57	23.97	29.15
48000	4.71	20.86	22.44
50000	4.85	20.66	20.74
52000	4.98	20.09	21.05
54000	5.06	24.62	23.57
56000	5.18	29.03	25.08
58000	5.29	34.15	27.76
60000	5.42	35.11	28.60
62000	5.57	32.64	34.26
64000	5.65	34.55	34.06
66000	5.77	24.17	29.56
67000	5.87	22.30	23.26



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IF/RF MICROWAVE COMPONENTS

REV. OR  
VNAX-3FT-EMERF+  
3/25/2020  
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