

C50NMNM Test Cable

2 Foot Cable

Electrical Specifications

Frequency Range	DC - 18 GHz
Impedance	50 Ω
Insertion Loss	
DC - 2.5 GHz	0.4 dB typ., 0.6 dB max
2.5 GHz - 6 GHz	0.7 dB typ., 1.0 dB max
6 GHz - 12 GHz	1.1 dB typ., 1.4 dB max
12 GHz - 18 GHz	1.4 dB typ., 1.8 dB max
Return Loss	
DC - 2.5 GHz	23 dB min, 30 dB typ.
2.5 GHz - 6 GHz	20 dB min, 30 dB typ.
6 GHz - 12 GHz	17 dB min, 27 dB typ.
12 GHz - 18 GHz	17 dB min, 27 dB typ.

Mechanical Specifications

Connector	50 Ω , type-N male and type-N male
Length	60 \pm 1 cm
Net weight (approx)	137 g

3 Foot Cable

Electrical Specifications

Frequency Range	DC - 18 GHz
Impedance	50 Ω
Insertion Loss	
DC - 2.5 GHz	0.6 dB typ., 0.8 dB max
2.5 GHz - 6 GHz	1.0 dB typ., 1.35 dB max
6 GHz - 12 GHz	1.5 dB typ., 1.95 dB max
12 GHz - 18 GHz	1.9 dB typ., 2.5 dB max
Return Loss	
DC - 2.5 GHz	23 dB min, 30 dB typ.
2.5 GHz - 6 GHz	20 dB min, 30 dB typ.
6 GHz - 12 GHz	17 dB min, 27 dB typ.
12 GHz - 18 GHz	17 dB min, 27 dB typ.

Mechanical Specifications

Connector	50 Ω , type-N male and type-N male
Length	3 ft
Net weight (approx)	156 g



5 Foot Cable

Electrical Specifications

Frequency Range	DC - 18 GHz
Impedance	50 Ω
Insertion Loss	
DC - 2.5 GHz	1.0 dB typ., 1.2 dB max
2.5 GHz - 6 GHz	1.6 dB typ., 2.0 dB max
6 GHz - 12 GHz	2.5 dB typ., 3.0 dB max
12 GHz - 18 GHz	2.5 dB typ., 3.9 dB max
Return Loss	
DC - 2.5 GHz	20 dB min, 30 dB typ.
2.5 GHz - 6 GHz	20 dB min, 30 dB typ.
6 GHz - 12 GHz	17 dB min, 27 dB typ.
12 GHz - 18 GHz	17 dB min, 22 dB typ.

Mechanical Specifications

Connector	50 Ω , type-N male and type-N male
Length	2 ft
Net weight (approx)	195 g

