

C50SMNM 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., 0.95 dB max
6 GHz - 12 GHz	1.1 dB typ., 1.4 dB max
12 GHz - 18 GHz	1.4 dB typ., 1.75 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-SMA male and type-N male
Length	2 ft
Net weight (approx)	95 g

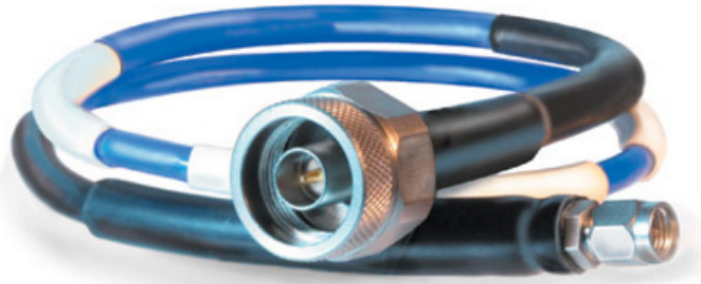
3 Foot Cable

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., 1.3 dB max
6 GHz - 12 GHz	1.5 dB typ., 1.95 dB max
12 GHz - 18 GHz	1.9 dB typ., 2.45 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-SMA male and type-N male
Length	3 ft
Net weight (approx)	115 g



4 Foot Cable

Electrical Specifications

Frequency Range	DC - 18 GHz
Impedance	50 Ω
Insertion Loss	
DC - 2.5 GHz	0.7 dB typ., 0.95 dB max
2.5 GHz - 6 GHz	1.3 dB typ., 1.65 dB max
6 GHz - 12 GHz	1.95 dB typ., 2.45 dB max
12 GHz - 18 GHz	2.55 dB typ., 3.15 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-SMA male and type-N male
Length	4 ft
Net weight (approx)	134 g

