

CABLE SPECIFICATIONS

Cable Length Definition and Tolerances



Application Note: Cable Length SHEET 1 OF 1

Cable Length Definition

The cable length is defined by the length as measured between the following:

Straight Connectors - From reference plane per M39012. If the connector is not covered in this Mil-Spec, the reference plane is per the connector manufacturer.

Right Angle Connectors - From the centerline of the inner contact of the connector.

Bulkhead - From the inside mounting flange of connector.

Cable Length Tolerance

Cable Finished Length (Inches)	Tolerance (inches)
6.0-11.9	+0.3/-0.0
12.0-23.9	+0.5/-0.0
24.0-119.9	+1.5/-0.0
120.0-167.9	+2.0/-0.0
168.0-215.9	+2.5/-0.0
216.0-299.9	+3.0/-0.0
300.0-599.9	+6.0/-0.0
600+	+10.0/-0.0

Tighter cable length tolerance can be provided at additional cost.

For tightest tolerances available by cable type, please consult sales department at Sales@emc-rflabs.com
+1(772)286-9300.

Note: A tightly controlled length does not assure that the phase will also be controlled (see Phase Matching Option Data Sheet).