

CABLE ASSEMBLIES & CONNECTORS

PRODUCT OVERVIEW

RG-174 is a very small (approx. 0.1" or 2.5 mm) flexible cable best suited for mobile/portable applications up to 1900 MHz. It can be used in short runs up to 2.7 GHz. For miniature sized connectors it has the widest options available. This Cable covers Cellular, WiFi, and most IoT applications.

LMR-100 is the low loss alternative for RG-174. It has the same size diameter and can be used with the same range of connectors. The cable is well shielded but is still flexible and easy to handle. This cable is double-shielded and suitable for outdoor/indoor use. It covers Cellular, WiFi, and most IoT applications.

RF-195 would be suitable for cable runs over 15 ft (4.5 meters) or in high frequency applications up to 6GHz. This is our standard cable for applications above 2.5 GHz.

LMR-240 is a lower loss cable than LL-195 and best suited for longer cable runs from 20 ft - 50 ft (6 meters - 15 meters) as well as for higher frequency applications up to 6 GHz or more.

LMR-400 is suitable for long runs & higher frequency applications. Approximately 0.405" diameter (10 mm), it might be too large for some mobile installs, but is perfect for every base station transmitter or access point. Longer lead times may apply

CABLE LOSS PER FOOT (30 cm)				
Cable Type	900 MHz	2000 MHz	2500 MHz	5000 MHz
RG-174	0.32 dB	0.49 dB	0.55 dB	NR
LMR-100	0.22 dB	0.30 dB	0.39 dB	0.50 dB
RF-195	0.10 dB	0.15 dB	0.17 dB	0.25 dB
LMR-240	0.07 dB	0.10 dB	0.12 dB	0.17 dB
LMR-400	0.04 dB	0.06 dB	0.07 dB	0.12 dB



CUSTOM COAX CABLE ASSEMBLIES

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Cable Length (Inches)

Cable Type

End Connector 1

End Connector 2

CABLE OPTIONS		
Code	Cable	Diameter
174	RG-174	0.1" (2.5 mm)
100	LMR-100	0.1" (2.5 mm)
195	RF-195	0.1" (2.5 mm)
240	LMR-240	0.25" (6.3 mm)
400	LMR-400	0.405" (10 mm)

CONNECTOR OPTIONS	
Code	Connector
C	SMA Plug
V	SMA Jack
X	N Plug (Male)
Y	N Jack (Female)
A	TNC J Plug
W	TNC Jack
J	Rev Pol SMA Plug

Other Configurations Available



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