Specifying Coax Cables for GPS Antenna Systems

The following is a formula for calculating the cost for special lengths of coax cable assemblies. The Timing3000 antenna is rated at 25dB and the VIC-100 typically averages 35dB (although the specs say 30dB min). Therefore, the lengths of coax cable these antennas can accommodate are different.

Antenna Type & Cable Lengths

Â Â Â Cable Type Â Â Connectors Â Â Â Part Numbers

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1-A Â LMR-195 Â TNC to BNC Â Â Â Â 10001241-xxÂ Â

1-BÂ LMR-195Â Â N to BNCÂ Â Â Â Â Â Â Â Â Â 10001295-xx Â 5m - 20

1-C Â LMR-195 Â N to NÂ Â Â Â Â Â Â Â Â Â Â Â Â 10001434-xxÂ 5m

2-A Â LMR-240 Â TNC to BNCÂ Â Â Â Â Â 10001231-xxÂ Â

2-B Â LMR-240 Â N to BNC Â Â Â Â Â Â Â Â Â 10001289-xx Â 20m - 30

2-C Â LMR-240 Â N to NÂ Â Â Â Â Â Â Â Â Â Â Â Â Â 10001442-xxÂ 2

3-A Â LMR-400 Â TNC to BNCÂ Â Â Â Â Â Â 10001297-xxÂ Â

3-B Â LMR-400 Â N to BNCÂ Â Â Â Â Â Â Â Â Â 10001279-xx Â 30m - 5

3-C Â LMR-400 Â N to NÂ Â Â Â Â Â Â Â Â Â Â Â Â Â 10001399-xxÂ 3

The above cable lengths are valid for the iLotus M12M Series.

The final two digits in the cable part number (a â€œdash numberâ€•) indicate the cable length in meters (e.g. 10001241-50 is a 50 meter cable length). These costs are based on LMR series coax cable (Times Wire) with solid copper inner conductor.

Delivery of special antenna cables is generally between 10-15 days ARO

Extension cables for other types of active and passive GPS antennas are quoted of request.

Custom cables built to customer length specifications are not returnable.