

LITTON MARINE SYSTEMS UK
Service Bulletin No.24

Product: BridgeMaster E Series Radars

Subject: Installation / Long Cable Runs

COAXIAL CABLE (Video)

Because of the difference in propagation delay and attenuation for each cable types we recommend the following maximum cable lengths for the coaxial cable (carrying the Video signal).

Cable type	Maximum Recommended Length
PT1YM	67 Meters
FSJ1/75A	180 Meters
FSJ4/75A	300 Meters

Note: For FSJ4/75A, a maximum of 1 meter PT1YM can be used at either end to allow cable entry to units.

Coaxial cable type AS60P is ***no longer recommended*** for use in any BridgeMaster E installations.

At present there are no recommendations for cable runs longer than 300 meters.

DATA CABLE

All of the above recommended cable lengths **MUST** be used with Litton Data cable, part number ***MA00007419***. Currently, **NO** alternative cable exists.

INTERSWITCH UNIT TYPES 65842A and 65846A

We recommend the maximum length of cables between Processor Electronics Units and Interswitch should not exceed 12 meters. If longer runs are required then additional cables should be installed carrying the +12V and the -12V lines.