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HEO et al.(10) **Pub. No.: US 2023/0232529 A1**(43) **Pub. Date: Jul. 20, 2023**(54) **FLEXIBLE PCB RF CABLE****Publication Classification**(71) Applicant: **AMONSENSE CO.,LTD.**, Cheonan-si,
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(57) **ABSTRACT**

Disclosed is a flexible PCB RF cable having a ground pattern that is divided into two ground patterns, which are connected through a connection pattern arranged in an area overlapped with a signal line pattern, and thus cracks are minimized during bending. The disclosed flexible PCB RF cable comprises: a signal line pattern interposed between a first dielectric sheet and a second dielectric sheet; first and second lower ground patterns, which are mesh patterns arranged to be spaced from each other below the first dielectric sheet; a lower connection pattern connected to the first and second lower ground patterns; first and second upper ground patterns, which are mesh patterns arranged to be spaced from each other above the second dielectric sheet; and an upper connection pattern connected to the first and second ground patterns.

