

ABSTRACT

An EBG structure of the present invention includes a ground substrate, a first dielectric layer disposed on the ground substrate, a first conductor
5 pattern disposed on the first dielectric layer, and has an outer end and an inner end, the outer end being electrically connected to the ground substrate, a second dielectric layer disposed on the first conductor pattern, and a second conductor pattern disposed on the second dielectric layer, and has a center part and an outer end, the center part being electrically connected to the inner end
10 of the first conductor pattern.