

ABSTRACT OF THE DISCLOSURE

FLAT FLEXIBLE CABLE WITH GROUND CONDUCTORS

A flexible circuit member includes first and second pseudo-twisted flexible conductors on a flexible dielectric substrate. The first pseudo-twisted conductor is on a first side of the substrate and the second pseudo-twisted conductor is on a second side of the substrate. Each pseudo-twisted conductor includes a periodic pattern with the first pseudo-twisted conductor being shifted longitudinally relative to the second pseudo-twisted conductor by one half of a period of the periodic pattern. A set of first and second additional conductors are also provided on the dielectric substrate. The first additional conductor is on the first side of the substrate and is spaced from and generally follows the shape of the first pseudo-twisted conductor. The second additional conductor is on the second side of the substrate and is spaced from and generally follows the shape of the second pseudo-twisted conductor. These first and second additional conductors may be coupled to reference or ground potential so as to provide a grounding system for the flexible circuit member.

