

ABSTRACT

A tube for externally covering or bundling electric cables is provided for suppressing radiation of undesired electromagnetic waves. The tube is made of a material in which soft magnetic powder is mixed with and dispersed into an organic binding agent. For protecting the cable from the undesired electromagnetic waves from the exterior, it is preferable to provide a conductor layer at an outer side of a composite magnetic layer. For facilitating mounting onto the cable, the tube is provided with a slit in a longitudinal direction. Alternatively, the cable may have a spiral structure. As an organic binding agent, it is preferable to use an elastomer which is excellent in extensible property. Further, it is preferable that the soft magnetic powder is powder being essentially flat.