

ABSTRACT

Pluggable Connector Configured To Reduce Electromagnetic Interference Leakage

A pluggable connector (102) includes a mating plug (105) that is inserted into a receiving cavity (412) of a receptacle (400). The pluggable connector includes an electromagnetic interference (EMI) skirt (120) that surrounds the mating plug. The EMI skirt has a spring beam (200) that engages the mating plug to electrically couple the EMI skirt to the mating plug. The spring beam extends in a first direction toward the mating plug when extending to an inflection area (240) and then extends in a second direction away from the mating plug toward an end of the spring beam. When the pluggable connector is inserted into the receiving cavity of the receptacle, an edge (420) of the receptacle deflects the spring beam toward the mating plug so that the inflection area engages the mating plug.

Fig.1