

MAXWELLON Multi-port Cable Assembly

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With the development of military electronic equipment, the integration of the whole equipment is higher and higher. As fast interconnection components, multi-port RF connectors gradually become one of the hot spots of the whole equipment needs. Under the current trend of modularity and miniaturization of electronic equipment, multi-port cable assembly can be multiple bundles of RF coaxial connection channels integrated into one connector and replace the original multi-cable assembly. This greatly reduces the number of cable assemblies, saves space occupied by cables, and reduces the weight of the product when providing the same number of connection points for docking. Neatly wired and aesthetically pleasing multi-port cable assembly also features low loss, strong shielding performance, fast plugging and unplugging, easy to install and maintain. To a certain extent, it reduces installation and maintenance costs and the possibility of failure. Maxwellon upholds the concept of "creating value for customers" and provides more customized multi-port products for various environments based on its strong R&D capability. At present, Maxwellon has developed a series of customized multi-port cable assemblies such as round 4-core, 8-core, 9-core, rectangular 11-core, armored mixed frequency products and so on.

Product Features

- Excellent electrical performance with frequencies up to 67 GHz
- Small size and light weight
- Low loss, high shielding performance
- Integrated multi-signal, easy to test and maintain
- Neat wiring, aesthetically pleasing, space-saving
- Accept customization

Product Applications

- Ground-based satellite test platforms
- Aviation Communication System
- Multi-channel test platform
- Vector Network Analyzers
- Interconnection of test and measurement equipment modules
- Anechoic Chambers test cabinet module
- Microwave Antenna System
- 5G test platform
- 5G system interconnection



Product Type

Quick coupling
Round multi-port cable assemble

▪ 5cores



Customized
Rectangular multi-port cable assemble

▪ 4/8/9 cores



Threaded Fixed
Round multi-port cable assemble

▪ 8cores



D38999/J599
Round multi-port cable assemble

▪ 5/8/11/16 cores



High and low frequency
Mixed multi-port cable assemble

▪ 6RF+25P power supply



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