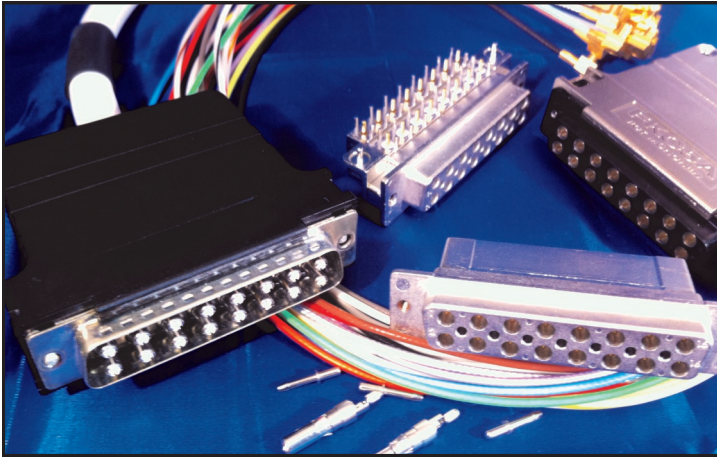


16W16 50Ω Product Line

RF Multiport D-Sub Style Configuration

Non-Magnetic Material Construction



FCT Electronics 50Ω 16W16 product line was designed with Medical Magnetic Resonance applications in mind.

The product has already enjoyed great success in this field, but today, FCT is making the product available to other markets and applications.

With 16 RF Channels, the product can be terminated Cable to Cable or Cable to PCB.

The range also includes coding options to allow multiple ports with specific channel configuration.

Electrical Performance

VSWR DC to 1 Ghz 1.12:1
Insertion Loss < 0.06dB
Isolation < -100dB

The PCB Connector is available as a right-angle socket configuration and is plated with a non-magnetic, non tarnishing Tri-Metal finish.

The connector benefits from having a continuous ground and single piece swept right angled contacts that produce excellent VSWR performance.

Cabled connectors are available in either male or female straight configurations with the female version having a fully plastic housing to eliminate ground loops if used in conjunction with the PCB connector.

The product family is fully supported with all the standard hardware options available within FCT's D-Sub range of connectors including Plastic and Metal Hoods.

FCT continues to add options to the range. Today RG178 is the common cable of choice, however RG316 versions are also available.

The range is completely RoHS compliant.

Product	Description
A1093	Plug Cable Connector Housing
A1093-1	Guide Pin
A1096	Straight Plug Contact for RG178
A1151	Straight Socket Contact for RG178
A1150	Plug All Plastic Connector Housing
A1244	PCB R/A Socket Connector
FKC5GNM-16W16	Straight Hood
FKC5NM-16W16	Angled Hood

