

TRU Corporation

News Release

Medical RF Interconnects Custom Engineered To OEM Requirements

Custom engineered RF microwave cables, cable assemblies, and connectors that utilize proprietary technologies to improve performance and/or reduce manufacturing costs are being Introduced by TRU Corporation of Peabody, MA.

TRU Custom RF Medical Interconnects are engineered to customer requirements for solving problems relative to broadband RF frequency performance, power levels, magnetic shielding, materials, size, and connectivity. Utilizing field-proven technologies, the firm can manufacture flexible and semi-rigid cable assemblies that can incorporate modular blind mate connectors, quick-disconnects, multiple ports, and other OEM application specific properties.

Specializing in cable sizes from ¼” to 1-½” O.D., TRU Custom RF Medical Interconnects can provide >75 dB shielding typical (>100 dB or better available), broadband RF frequency performance to 18 and 26.5 Ghz, power levels to 50 kW, and voltage protection to 25 kV; depending upon design and construction. Connector materials can include brass, medical-grade alloys, specialty steels, BeCu contacts, and PTFE, ceramic, or composite insulators.

TRU Custom RF Medical Interconnects are priced according to design, configuration, and quantity. Price quotations are available upon request.

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