

RF Interconnect Solutions for Distributed Antenna Systems (DAS)

Times LMR[®], LMR-SW[®], SPPT[™] & TFT[™]
Coaxial Cables & Connectors

TRAD[®] and nu-TRAC[®]
Radiating Cable



Times Protect[®]
RF Lightning Protection

SilverLine[®] Test Cables



LMR[®] Cables



LMR[®] from Times Microwave Systems is the industry standard for flexible, low-loss coaxial cable.

Applications for flexible low loss coax are countless. While some manufacturers try to fit the application to a limited product selection, Times Microwave Systems offers the broadest range of sizes (LMR-100 to LMR-1700) and varieties to match the environmental and handling requirements of the application.

LMR[®] Connectors



An extensive selection of LMR[®]-Advantage[™] connectors with crimp or clamp outer conductor attachment, and solder or non-solder 'EZ' center pins are available, including the new no braid trim X series. All common interfaces are available. Times' Advantage[™] connectors are well known for their quality and reliability.

Low PIM Cables and Connectors



Times Microwave series of high performance and low PIM plenum and non-plenum rated cables with field installable connectors are the perfect solution for in-building and short tower feeder applications, products include:

- LMR-SW smooth wall low PIM, low loss cable
- TFT[™]-401 and TFT[™]-402[™] super flexible low PIM, low loss plenum cable

Low PIM Plenum Jumper Cables



A variety of high performance low PIM plenum rated jumper cables are available including:

- SPP-LLP[™] super flexible low PIM, low loss plenum jumper cables
- TFT[™]-401 and TFT[™]-402 extremely flexible low PIM, low loss plenum jumper cables

Complete RF Interconnect Solutions

Distributed Antenna Systems (DAS) technology has emerged as a dominant tool for wireless carriers to strengthen coverage and increase capacity - critical challenges especially in the "new" information age populated with smart-phones, tablets and other wireless devices that challenge bandwidth capacity.

DAS technology is used in both indoor and outdoor locations as a tool to enhance signal coverage. Typical applications include large buildings, stadium venues and shopping malls, generally anywhere signals are either attenuated because of the surrounding building structure or large groups of people congregate to overload the otherwise limited capacity of carrier networks. Wireless products offered by Times Microwave Systems allow engineers the opportunity to optimize their networks.

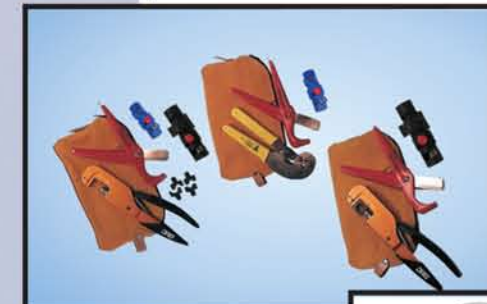


T-RAD[®] Leaky Feeder Cables provide coverage in buildings, mines, tunnels and other enclosed areas.



nu-TRAC[®] TRC-1250 provides interior communications in tunnels, subways, ships and metal framed buildings.

LMR[®] Prep and Installation Tools



Times offers a complete line of easy-to-use accessories and cable prep and installation tools.



SilverLine[™] Test Cables offer reliability and high performance for a wide variety of test applications. Products include SilverLine-LP for PIM test needs.

Times Protect[®]

Lightning and Surge Protection
For The 21st Century[™]



The Times-Protect[®] line of innovative RF lightning protection products addresses applications throughout the entire useful RF frequency range from DC through 6 GHz. Among the most noteworthy features are:

- DC block designs for superior surge performance
- Designs with DC pass capability
- Unmatched PIM and RF characteristics
- High surge current ratings and multi-strike capability
- Lowest voltage and energy throughput ratings
- Solid brass construction & weatherized housings

Bundled Cables are spiral configurations of multiple LMR[®] or low PIM corrugated coax cables under a common polyethylene outer jacket.



About *TIMES MICROWAVE SYSTEMS*

Times Microwave Systems, was founded in 1948 as the Times Wire and Cable Company. Today, the company specializes in the design and manufacture of high performance flexible, semi-flexible and semi-rigid coaxial cable, connectors and cable assemblies. With over 60 years of leadership in the design, development, and manufacture of coaxial products for defense microwave systems, Times Microwave Systems is the acknowledged leader, offering high tech solutions for today's most demanding applications.

Cable assemblies from Times Microwave Systems are used as interconnects for microwave transmitters, receivers, and antennas on airframes, missiles, ships, satellites, and ground based communications systems, and as leads for test and instrumentation applications.

As a highly specialized and technically focused company, Times Microwave Systems has been able to continually meet the challenges of specialty engineered transmission lines for both the military and commercial applications, drawing upon our:

- Thousands of unique cable and connector designs
- Exceptional RF and microwave design capability
- Precise material and process controls
- Unique in-house testing capabilities including RF shielding/leakage, vibration, moisture/vapor sealing, phase noise and flammability
- Years of MIL-T-81490, MIL-C-87104, and MIL-PRF-39012 experience
- ISO 9001 Certification

In 2010, Times Microwave Systems introduced its Times-Protect™ line of lightning and surge protection solutions to address the challenging needs of wireless systems in the 21st century.

With over 60 years of Times Microwave Systems aerospace cable and connector technology experience and unparalleled design expertise, Times Microwave Systems' staff of Field Applications Engineers can help to provide the right solution for your interconnect applications.

Contact Information:



World Headquarters: 358 Hall Avenue, Wallingford, CT 06492 Tel: 203-949-8400, 1-800-867-2629 Fax: 203-949-8423

International Sales: 4 School Brae, Dysart, Kirkcaldy, Fife, Scotland KY1 2XB UK Tel: +44(0)1592655428

China Sales: TMC Building 4, No. 318 Yuanshan Road Xinzhuang Industrial Park, Shanghai, China 201108

Tel: 86-21-51761209 Fax: 86-21-6442-4098

www.timesmicrowave.com

© 2013, Times Microwave Systems, Wallingford, CT

DAS-10/13