

T LMR®

Flexible Communications Coax



*LMR® Cables and Connectors
including the NEW X series
(no braid trimming!)*

*NEW! LMR® -SW Low PIM, Low Loss
Cable and Connectors*

T-RAD® Leaky Feeder Cables

SilverLine™ Test Cables

TCOM® Cables

Times-Protect®

Lightning and Surge Protection

Product Line Review

T **TIMES** MICROWAVE SYSTEMS
An Amphenol Company

LMR[®] Cables



LMR[®] Cable is designed for outdoor use and has a UV resistant black polyethylene jacket. The bending/handling characteristics are significantly better than air-dielectric and corrugated hardline cables.



LMR-Lite[®] cables use an aluminum braid that reduces weight and cost.



LMR[®]-FR is a non-halogen, low smoke, fire retardant cable with a UL/NEC rating of 'CMR'.



LMR[®]-LLPL is a highly fire retardant cable suitable for runs within air handling plenums (drop ceilings, raised floors). It has a UL/NEC rating of 'CMP'.



LMR[®]-DB is designed for outdoor use. A flooding compound in the braid makes it completely watertight.



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



LMR[®]-Bundled Cable is a spiral configuration of multiple LMR[®]-400 or smaller LMR[®] cables under a common polyethylene outer jacket.



LMR[®]-UltraFlex employs a stranded center conductor and highly flexible outer jacket for enhanced flexibility.



LMR[®]-75 cable is a 75 Ohm version of LMR cable.



TCOM[®] Cable is a low loss flexible 50 Ohm coax with low passive intermod and better flexing performance than LMR cable.



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[®]-SW Cables and Connectors



LMR-SW cables are the perfect solution for low PIM, low loss jumper and short tower feeder applications. The seamless thin wall aluminum outer conductor eliminates any possibility of pinholes or seam failure and provides 100% RF shielding. Field installed connectors typically yield better than -170 dBc PIM performance.

LMR[®] Connectors



An extensive selection of LMR[®] connectors with crimp or clamp outer conductor attachment, and solder or non-solder 'EZ' center pins are available, **including** the new X series which does not require braid trimming. All common interfaces are available. Times' **Advantage[™]** series connectors are well known for their quality and reliability.



SilverLine-LP[™] is a flexible test cable designed specifically for low passive intermodulation performance and to withstand the physical abuse of field use.

Times-Protect[®] Lightning Protection



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

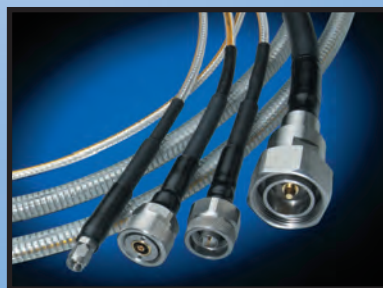
- DC block designs for superior surge performance
- Designs with DC pass capability
- Unmatched PIM and RF characteristics
- High surge current ratings and multi-strike capability
- Lowest voltage and energy throughput ratings
- Solid brass construction & weatherized housings

LMR[®] Prep, Installation Tools & Accessories



Times offers a complete line of easy-to-use cable prep and installation tools. As well as a full line of supporting hardware including ground kits, hoist grips, snap-in hangers, support blocks, entry panels and weatherproofing kits is available.

SilverLine[™] Test Cables



SilverLine[™], SilverLine[™] 40 GHz & SilverLine[™]-PT Phase Stable Test Cables offer reliability and high performance for a wide variety of test applications.



SilverLine[™] TuffGrip and SilverLine[™]-CI Changeable Interface robust test cables address the field environment test needs of the cellular infrastructure market.

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 engineered transmission lines for both 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.

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