

## Engineered Products

### FBT® Flexible Low Loss High Power

**Cable:** FBT® is a flexible low loss indoor/outdoor highly fire retardant cable suitable for use up to 150°C. Intended specifically for runs within and between base station cabinets, it can also be used in return air handling plenums or outdoors.

### FlexTech™ Commercial Cable

**Assemblies:** The use of higher frequencies for telecommunications applications has placed increasingly rigorous demands on cable assembly performance. Our 50 year plus background in military microwave assemblies has provided us the expertise to address these performance requirements, while our commercial expertise allows us to provide economical solutions. FlexTech™ jumper assemblies furnished standard with LMR-DB cable provide rugged dependability for any application.

### T-RAD™ 50 Ohm Leaky Feeder Cable:

T-RAD™ leaky feeder cables offer a cost effective solution to providing RF coverage in enclosed areas. The flexibility of the cable combined with quick attachment connectors, allows the cable to be easily installed, which is ideal for in-building applications.

**SilverLine™:** SilverLine™ Test Cables are cost effective, durable, high-performance cable assemblies designed for use in a broad range of test and interconnect applications. Fabricated from rugged, solid PTFE dielectric cable with stainless steel connectors and a proven strain relief system, these cables provide long life and excellent stability in applications where they are repeatedly flexed and mated/unmated. They are ideal for use in production, field and laboratory test environments. They are also economical enough to be used as interconnects in test systems.

**LMR Bundled Cable:** By bundling LMR® cables together under a common polyethylene outer jacket, this innovative design is the perfect solution for Smart Antenna and other sector applications. LMR® Bundled Cable greatly reduces the cost of installation by slashing the cost of labor and accessories compared to an installation using individual runs. LMR® Bundled Cable is supplied as a complete system, including weather seal breakout boots and ground kits with full technical support and custom tools, pictorial instructions and installation videos.

## Certified Installer Training Program

The LMR® Certified Installer Training Program covers all installation aspects of LMR coaxial transmission line cables, connectors and components, including grounding. Topics covered include:

- Coaxial cable fundamentals: characteristics, attenuation, return loss
- LMR coaxial cable designs, features and benefits
- Connectors
  - Various interfaces
  - EZ (non-solder) vs. TC (solder style) of center conductor attachment
  - Clamp vs. crimp style connector attachments
  - Impedance uniformity
  - Other characteristics
- Connector termination demonstrations (EZ and TC), using prep and installation tools on LMR-240, 400, 600 and 900 connectors and cables
- Attendee connector terminations
  - EZ-400-NMH-X (3190-2590)
  - EZ-400-NMH-RA-X (3190-2638)

- EZ-600-NMC-2 (3190-2641)
- EZ-900-NMC-2 (3190-1262)
- Attendees work with a full set of LMR tools and test assemblies they build for attenuation and return loss, using a hand held field analyzer
- Ground kit and weather sealing demonstrations
- SilverLine, QMA and TuffGrip demonstrations
- Radiating cable demonstrations
- LMR bundled cable with end cap and ground kit demonstrations

This one day program is available to groups of 10 or more and can be arranged through any Times distributor. It can be held at a location convenient to the group, at the Times Microwave location in Wallingford, Connecticut or at a participating Times distribution partner location. Attendees receive a certificate as a trained LMR installer. Contact your local Times representative for details.

Part #	Description
CITP	Certified Installer Training Program