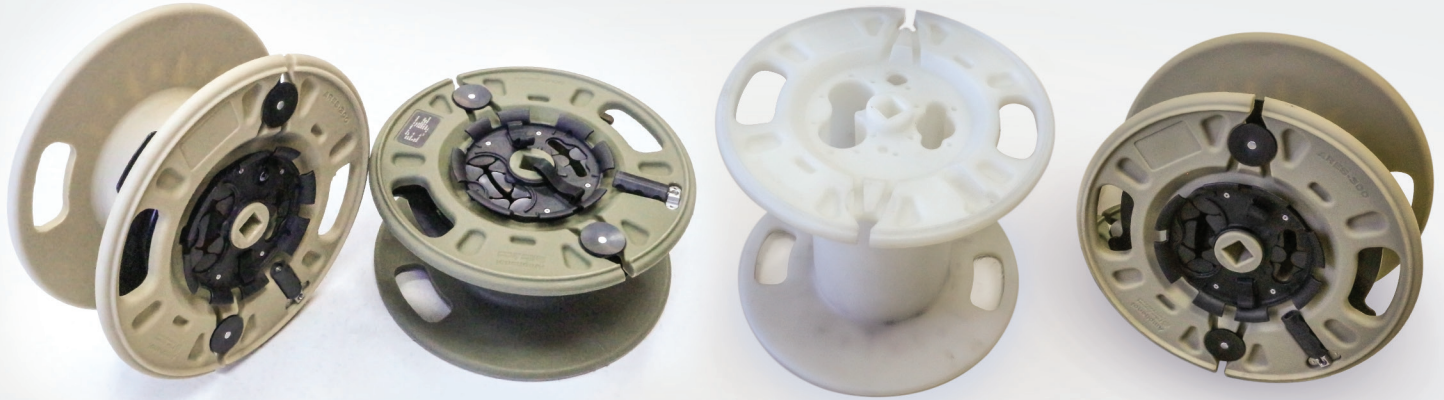


## **ARES** (Amphenol Reel Enhanced System)



### **Amphenol Fiber Systems International (AFSI) offers the rugged, deployable ARES (Amphenol Reel Enhanced System) reel for tactical fiber optic network applications.**

The unit is made with reinforced glass nylon providing a rust-resistant, lightweight and durable reel for storing and deploying fiber optic cable assemblies. Integrated slots on the reel allow them to be stacked together for storage and transit. The ARES reel also has separate payout and storage areas allowing the operator to deploy cable needed rather than the entire stored length.

AFSI's ARES reel comes in a variety of sizes to support multiple cable lengths and types. In addition, cleaning kits can be specified to support all popular harsh environment connectors including AFSI's TFOCA, TFOCA-II®, TFOCA-III®, TACBeam® and Pierside. Finally, AFSI offers a suite of transit cases and backpacks as optional accessories.

#### **Features & Benefits :**

- Meets A336463 CECOM reel drawing requirements
- Flanges and drum are molded in one piece
- Greater impact resistance
- Will outperform MARS reels on drop tests
- No damage to AFSI ARES reels, minor cracks to MARS reel
- Can be dropped higher and withstand colder temperatures
- Can be stacked onto OCC MARS reel
- Can be stacked on original ARES reels
- Professional look tool kit can be included
- Multiple take-up flanges (divider on drum and crown)

#### **Applications :**

- US Army and Marine Corps Tactical Deployments
- Deployable Broadcast Networks
- Mobile Tactical Shelter Systems
- Disaster Recovery

**Amphenol Fiber Systems International, Inc. | 1300 Central Expressway N, Suite 100 Allen, TX 75013**

Phone: (214) 547-2400 | Email: [sales@fibersystems.com](mailto:sales@fibersystems.com) | Website: [amphenol-fsi.com](http://amphenol-fsi.com)

Amphenol Fiber Systems International (AFSI), a division of Amphenol Military & Aerospace Operations (AMAO), is the largest manufacturer of harsh environment fiber optic cable assemblies & connectors in the world. Visit AMAO at [amphenolmao.com](http://amphenolmao.com).

## Amphenol Fiber Systems International (AFSI) :



Amphenol Fiber Systems International (AFSI) designs, manufactures, markets and supports reliable and innovative fiber optic interconnect solutions that withstand the harsh environments of military, oil & gas, mining and broadcast applications. After more than a decade in business, AFSI continues to uphold its position as a global leader in fiber optic interconnect components and systems such as termini, M28876, MIL-ST, TFOCA and the TFOCA-II® connector, which AFSI developed and patented.

AFSI has delivered millions of fiber optic connectors in more than 34 countries. Whenever there is a need for superior, cost-effective fiber optic systems and products that will stand up to demanding operating environments, you can rely on AFSI for engineering know-how, top-quality products and expert technical support.

Visit [www.amphenol-fsi.com](http://www.amphenol-fsi.com) for more information.

## Specifications :

- Stackable with OCC MARS reel
- Drop test : loaded reel dropped 42' onto fir wood platform @ -30°C (all angles), we tested to -60°C
- Storage temperature -57°C to 85°C (48 hours each)
- Temperature shock -55°C to +85°C 10 cycles TIA/EIA-455-74 Sch C, 0.5 dB max IL pre, 0.5 dB max CIT during and after
- Temperature cycling - MIL-STD-1678-3, measurement 4030. -55°C to +85°C 5 cycles
- Stack height : 5' without deforming (or falling over)
- Fluid immersion : EIA/TIA-455-12
- Vibration
- Handle : foldable, non metallic – minimum 300 full 360° turns without cracking or failure

## How to Order :

To order or to obtain a price quote on our AFSI Fiber Optic Reels, call toll free (US only) at 800.472.4225, international calls please use 1-214-547-2400 or e-mail [sales@fibersystems.com](mailto:sales@fibersystems.com).