ARES Reels

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

The ARES reels are made with a chemical and impact resistant polymer providing a rust-resistant, lightweight and durable reel for storage solutions and deploying fiber optic cable assemblies. Features on the reel allow them to be stacked together for storage and transit. The ARES reels also have separate payout and storage areas allowing the operator to deploy cable as needed rather than paying out the entire stored length.

AFSI's ARES reels come 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, but not limited to, AFSI's TFOCA, TFOCA-II®, TFOCA-III®, TACBeam®, M28876, and Pierside. Finally, AFSI offers a suite of deployment stands, transit cases, and backpacks as optional accessories.

Features & Benefits :

- Meets A336463 CECOM reel drawing requirements
- Strong flanges and drum are molded in one piece
- Greater impact resistance
- Can be dropped higher and withstand colder temperatures (as low as -60°C) than common plastic reels.
- Can be stacked on existing reels
- Professional tool kit can be included
- Multiple take-up flanges (divider on drum and crown)
- Durable, foldable handle
- Available in black, green olive drab, & desert tan

Applications :

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

Specifications :

- Stackable per CECOM A336463
- Drop test : loaded reel dropped 42" (1m) @ -60°C (all angles)
- Storage temperature -57°C to 85°C
- Temperature shock -55°C to +85°C
- Temperature cycling - MIL-STD-1678-3, measurement 4030. -55°C to +85°C
- Fluid immersion : EIA/TIA-455-12

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ARES Reels

Amphenol FSI

ARES Reel Fiber Optic Cable Length Capacities (meters)					
Reel Series	Ø5.8 mm	Ø7 mm	Ø10 mm	Ø12 mm	Ø14 mm
ARES-300	300	200	85	–	–
ARES-500	500	300	125	–	–
ARES-750	750	500	210	–	–
ARES-1000	1000	600	280	–	–
ARES-3000	3000	2000	930	630	450

* These capacities do not account for less efficient fiber lays. If you cable length is over one of the capacities listed above, we recommend the next larger reel size.

How to Order :

ARES - 1 - 2 - 3

1. Capacity	2. Color	3. Handle Option
300 = 300 Meters	**T** = Tan	**1** = Handle
500 = 500 Meters	**D** = Olive Drab Green	**2** = No Handle
750 = 750 Meters	**B** = Black	
1000 = 1000 Meters	**Y** = Gray (3000 Only)	
3000 = 3000 Meters		

To order or to obtain a price quote on our ARES 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.

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 two decades 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** for more information.

Inquire about our New Featured Accessories:

GEN 2 Media Converter:

****Other Connector Variations available upon request****

ARES Reel Cart Stand:

ARES Transit Case:

****Available in other sizes and colors****

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