



Sidewinder Cable Reel



Sidewinder Cable Reel Mounted on Stand

Applications

- Mobile telecommunication systems
- Military tactical communication systems
- Mining
- Oil and gas
- Field deployable broadcast communications

Sidewinder™ Rapid Cable Deployment System

AFL's Sidewinder Rapid Cable Deployment System allows for fast deployment and retrieval of tactical fiber optic cables used in field deployable applications. The system is made using lightweight high impact grade polymer that is non-corrosive and able to withstand extreme temperatures. Additionally, the reel features built-in connector storage in the center hub as well as a removable handle for fast Sidewinding action.

The unique design of the reel allows them to be stacked and locked together for transport or for field deployment. The specially engineered foam insert within the hub allows safe storage of the connectors when not in use. The reel is available in three sizes to store cables up to 1000 meters in length. The reels can also be supplied with cable stands, connector cleaning kits and military-approved transit cases.

Features and Benefits

Reels

- The reel is made from lightweight, high-impact materials. All assembly parts are made from 316/304 grade stainless steel. This makes them well suited for use in mining and marine environments.
- The reels can be easily stacked together for storage and transportation. They also have four points of contact when secured to another reel. Once fastened together, they can be locked with the use of two locking pins.
- The connector at the inner end of the cable can be stored within the hub. The outer flange can store up to 5 meters of cable slack for maximum access once deployed. The outer connector of the cable assembly is stored in the adjacent opening.
- The center hub is internally lined with a foam insert and connector retention grommets for ultimate connector storage and protection.
- The reel is supplied with a 1" round hole to suit the deployment stand. A 1" square hole option is also available for applications requiring simultaneous cable deployments.
- An optional cleaning kit is available to maintain the performance of the connectors. This kit is housed within the center hub.
- The removable handle allows for quick deployment and retrieval of the cable.

Stand

- The sturdy folding stand is made from durable 304 grade stainless steel and well suited in any environment.
- It accommodates both the 300 meter and 500 meter reels. A collar is used to keep the reel in a single position during cable deployment.
- The stand has a removable pin to allow for quick assembly of the two pieces.
- The stand can also be used as a caddy to pull the reel along the ground. This reduces the need for heavy lifting and simplifies transport of cable systems.
- The stand can also be set up within the transit case to allow for easy cable deployment.

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Technical Specifications

CHARACTERISTIC	AFL NO.		
	AFL-REEL-300-XX	AFL-REEL-500-XX	AFL-REEL-1000-XX
Cable capacity (using 5.5 mm cable)	300 mts	500 mts	1000 mts
Reel diameter	420 mm	420 mm	420 mm
Reel width	208 mm	273 mm	475 mm
Reel weight	2.83 kg	3.08 kg	4.20 kg
Maximum connector diameter	53 mm	53 mm	53 mm
Colors available	Black is standard. Desert Tan and Olive Drab also available.		

Ordering Information

AFL NO.	DESCRIPTION
REEL	
AFL-REEL-300-BKS	Cable deployment reel, 300 mts, black with square hole
AFL-REEL-300-BKR	Cable deployment reel, 300 mts, black with round hole
AFL-REEL-300-DTS	Cable deployment reel, 300 mts, Desert tan with square hole
AFL-REEL-300-DTR	Cable deployment reel, 300 mts, Desert tan with round hole
AFL-REEL-300-ODS	Cable deployment reel, 300 mts, Olive drab with square hole
AFL-REEL-300-ODR	Cable deployment reel, 300 mts, Olive drab with round hole
AFL-REEL-500-BKS	Cable deployment reel, 500 mts, black with square hole
AFL-REEL-500-BKR	Cable deployment reel, 500 mts, black with round hole
AFL-REEL-500-DTS	Cable deployment reel, 500 mts, Desert tan with square hole
AFL-REEL-500-DTR	Cable deployment reel, 500 mts, Desert tan with round hole
AFL-REEL-500-ODS	Cable deployment reel, 500 mts, Olive drab with square hole
AFL-REEL-500-ODR	Cable deployment reel, 500 mts, Olive drab with round hole
AFL-REEL-1000-BKS	Cable deployment reel, 1000 mts, black with square hole
AFL-REEL-1000-DTS	Cable deployment reel, 1000 mts, Desert tan with square hole
AFL-REEL-1000-ODS	Cable deployment reel, 1000 mts, Olive drab with square hole
STAND ACCESSORIES	
AFL-REELSTAND-500-SS	Cable deployment folding stand for AFL reel, SS
AFL-REELSTAND-COL-25MM	Replacement collar for AFL cable stand
AFL-REEL-CLKIT1	Connector cleaning kit for AFL cable reel
AFL-REEL-500-CASE-DT	Transit case for AFL cable deployment reel, Desert Tan
AFL-REEL-500-CASE-BK	Transit case for AFL cable deployment reel, Black
AFL-REEL-500-CASE-OD	Transit case for AFL cable deployment reel, Olive Drab



Transit Case



Reel and Transit Case



Stand