

# ***TufLine Fairings***



The unique, drag reducing fairing system that eliminates strumming and can be wrapped in multiple layers on winches.

- ❑ cuts drag and eliminates strumming to: increase multi-cable spread or tow vehicle depth, decrease vessel fuel consumption, increase cable life
- ❑ 40% to 60% drag reduction over bare cables or hairy fairings
- ❑ easy field installation on existing, terminated cables
- ❑ extremely durable, 3-ply material – folds around cable to create hydrodynamic profile
- ❑ can be multi-layer stored/crushed on reels – reverts to foil shape when back in water
- ❑ with internal “bridge” for airfoil shape retention under hydrodynamic forces
- ❑ proprietary King Fairing/ Anti Stacking Ring anchors fairing module segments to allow free-swiveling, alignment to flow
- ❑ Heavy-duty reinforcing at King Fairing-to-fairing module interface
- ❑ super strong, UV-resistant Spectra thread used to stitch-in high strength Velcro bridge
- ❑ hundreds of kilometers in service on seismic tow cables and ropes
- ❑ available for any cable diameter (see attached specification sheet)

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➤ **Easy Installation**

Designed for easy field installation. Installation can be performed by ODIM personnel, at leading cable manufacturers' facilities, or by the user. No need to slide fairings along cable for installation.

Install the ASR (Anti-Stacking Ring) followed by King Fairing, and then TufLine module. Complete installation aid tools and instructional video included.

1. **ASR (Anti-Stacking Ring)**

- ❑ ASR anchors securely to any type of cable or rope



PE Jacketed Cable

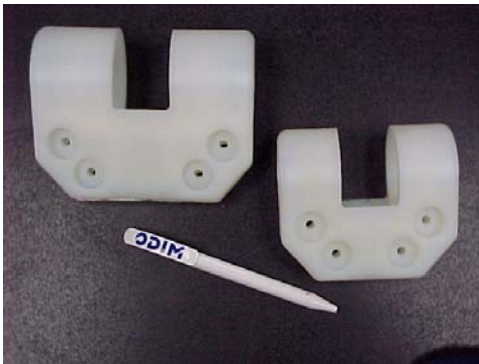
Bare Armoured Cable

Braided cable

Rope

2. **King Fairing**

- ❑ Wrap King Fairing over the ASR and secure (s.s. bolts/washers)



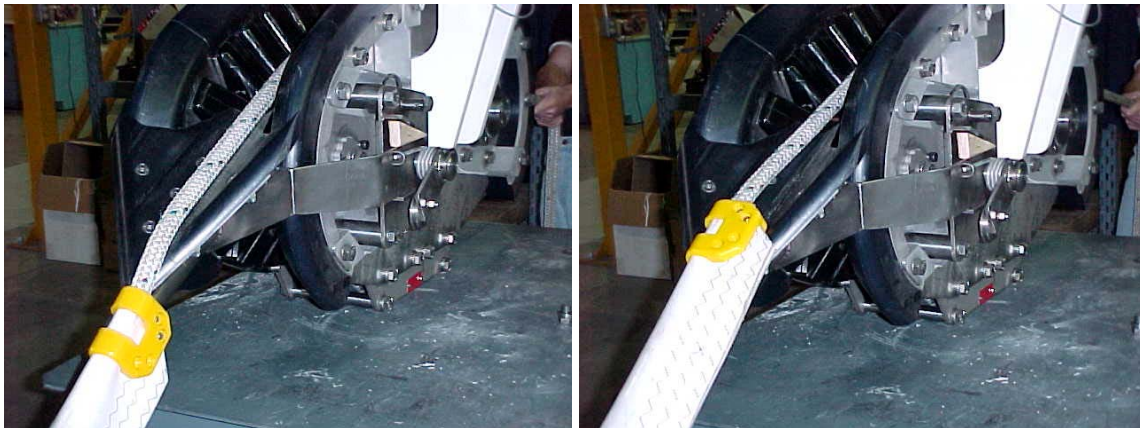
### 3. TufLine Fairing

- Install TufLine (s.s. rivet/washers using pneumatic rivet tool, pre-drilled holes along tail of fairing module)



### Recommended Accessories

ODIM Spectrum's Fairing Uprighter – installs easily on an ODIM Spectrum Fairlead/Tow Block, and automatically uprights the fairing in a “tail up” orientation to prevent fairing damage.



## FAIRING SPECIFICATION SHEET

Rev. 0

all dimensions in millimetres

### TufLine Fairing System (flexible fairing)

#### TUFLINE FAIRINGS FOR CABLE

Model No.	# of plys in material	Cable Diameter	Cable Outer Surface	Module length	Fairing width *	King Fairing p/n	ASR type	Heat shrink underlay
TL34	3	33-34	Bare	7500	254	61920112-0-2	moulded	Req'd
TL36	3	36-37	Sheath/Jacket	7500	254	61920112-0-2	moulded	Not Req'd
TL38	3	37-38	Bare	7500	254	61920112-0-2	moulded	Req'd
TL42	3	41-42	Sheath/Jacket	7500	305	66240001-0-1	moulded	Not Req'd
TL50	3	49-50	Sheath/Jacket	7500	356	64050003-0-1	moulded	Not Req'd

#### Summary:

All of these listed sizes are available in both slide-on and field installable methods.

The field installable TufLine Fairing can be installed on terminated cables. The slide-on versions must be installed on an unterminated cable and slid on from one end.

TufLine can be wrapped in multiple layers on a winch drum.

TufLine comes in standard black colour, with optional bright orange at slightly higher cost.

Another option is with notches every metre along the length of the fairing. These helps relieve the accumulative stretching when wrapped under tension on a winch drum.

Each fairing module includes; one King Fairing (and hardware), one Anti-Stacking Ring (and one heat shrink assembly (if required))

A tool and installation kit along with complete installation instructions is included with every order.

TufLine has been in service, primarily on marine seismic exploration vessels, since 1997.

It can be used on rope, bare tow cables or wires, sheathed or braided cables.

#### **Field Installable Fairings:**

An industrial Velcro is sewn in with two rows of Spectra thread along each mating piece.

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