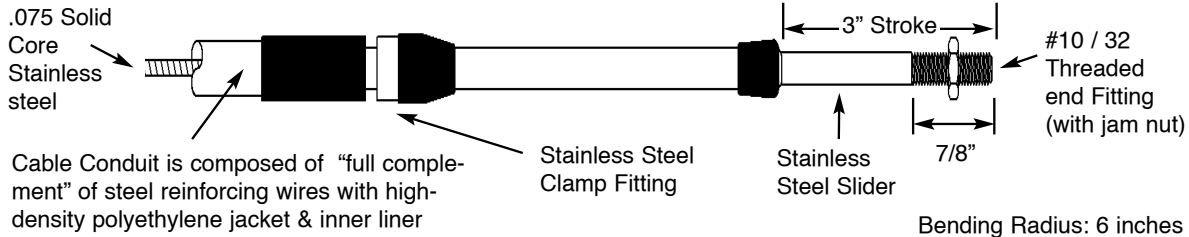
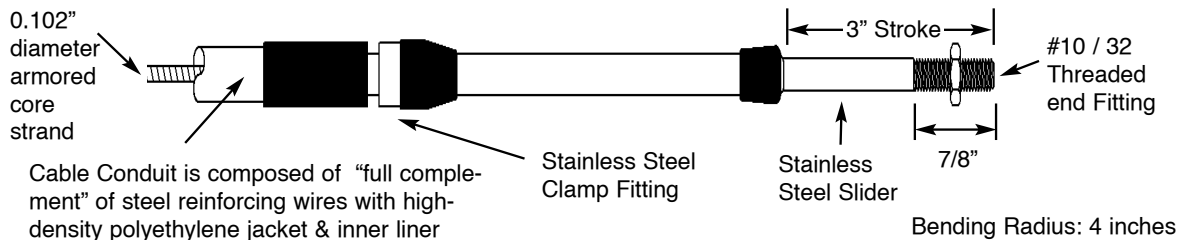


Cable Grade Description

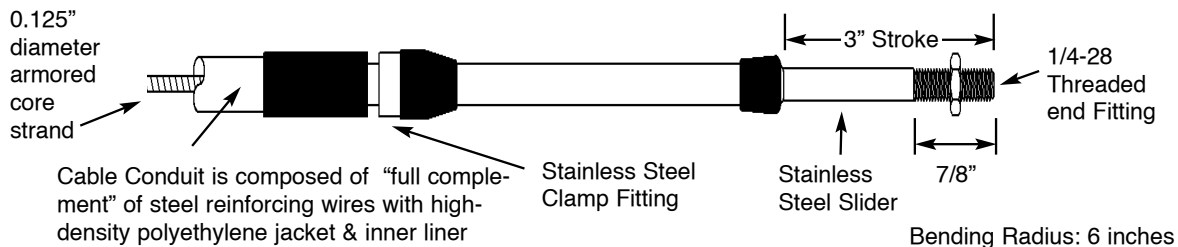
STANDARD – STANDARD Marine Cables are suitable for light duty applications where the control lever forces are less than 20 lbs. and where the cable route is relatively short (less than 30 feet [10 meters]). STANDARD cables are not recommended for multiple station applications.



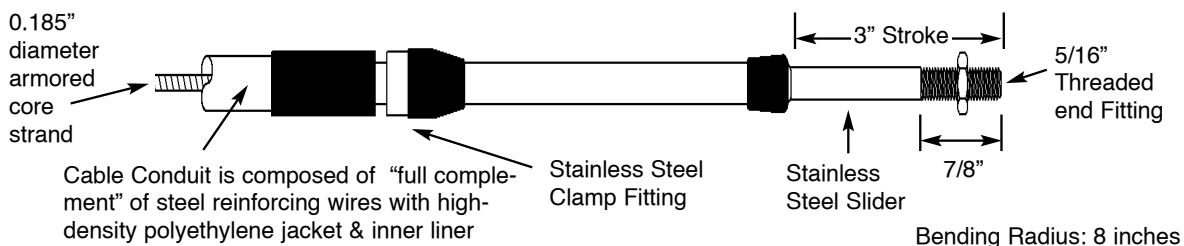
PREMIUM – PREMIUM Marine Cables are suitable for most applications where the control lever forces are between 20 and 40 lbs. and where the cable route is over 30 feet [10 meters]. PREMIUM cables can also be used in shorter applications where a smoother and easier control operation is desired.



HEAVY-DUTY – HEAVY-DUTY Marine Cables are used in applications where the control lever forces are between 40 and 80 lbs.



EXTRA HEAVY-DUTY – EXTRA HEAVY-DUTY Marine Cables are used in applications where the control lever forces are over 80 lbs.



NOTES:

- A "full complement" of long-lay steel reinforcing wires maximizes the physical strength of the cable and ensures that the cable will be able to handle any load that is placed upon it.
- Bending radius - Bending radius specified is the capability of the cable. For best cable performance, cables should be installed as straight as possible and all bends should be long and sweeping. As far as possible, cable routing should be kept straight with 6" of the cable clamp fitting.
- Stroke specified is common for most marine grade cables. Other stroke lengths available.



Marine Cables



Glendinning high quality control cables are available for a wide variety of marine applications and are better because:

- **High Efficiency** - The armored core design pioneered by NW Controls 40 years ago sets the industry standard for high efficiency. High efficiency reduces the operational force at the control head and improves the feel of the control for the boat owner. This core is used in our Premium, Heavy Duty, and Extra Heavy Duty grade cables.
- **Low backlash** - The close tolerances between the cable core and conduit minimize the backlash or lost motion of the cable. Low backlash improves the control feel for the boat operator by greatly reducing the "sloppiness" at the control head.
- **Superior materials** - All cables are manufactured of the finest grade of material.



UNIVERSAL STYLE control cables are direct replacements for many boats using aftermarket controls to include: Honda®, Nissan®, Suzuki®, Tohatsu®, Volvo®, Yamaha®, and others.

SPECIFICATIONS

Stroke: Minimum 3.00"

End Fittings: 10-32 thread

Cable attachment: Clamp type

CABLE TYPES AVAILABLE:	PART NUMBER:	REPLACEMENT FOR:
STANDARD	A5797 / XX	Superior to Morse 33C "Red-Jaket"
PREMIUM	A5805 / XX	Superior to Morse 33C Supreme
HEAVY-DUTY	A5773 / XX	Superior to Morse 43C
EXTRA HEAVY-DUTY	A6057 / XX	Superior to Morse 63C

To order specify Part Number and Length ("XX" = length in feet)

Cable Cross Reference Guide

CABLE TYPE:	DESCRIPTION:	PART NO:	MORSE PART NO:
Standard Grade - "33C"	Universal Ends	A5797 / XX	32377-003-L "Red-Jaket"
Premium Grade - "33C"	Universal Ends	A5805 / XX	301947-003-L "Supreme"
Heavy-Duty - "43C"	Universal Ends	A5773 / XX	065885-003-L
Extra Heavy-Duty - "63C"	Universal Ends	A6057 / XX	304262-003-L
OMC (before 1979)	OMC (Johnson-Evinrude) cable ends	A5119 / XX	48296-L
OMC (after 1979)	OMC (Johnson-Evinrude) cable ends	A6523 / XX	302029-L
Mercury	Mercury cable ends	A5153 / XX	63732-L



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Marine Cables

Specialty Marine Cables

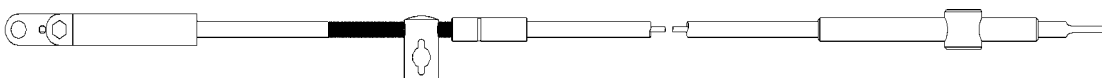
In addition to our standard "universal" marine control cables, we also manufacture a large variety of specialty marine cables for specific marine applications. These cables are built with the same high quality as our standard cables and are better because:

- High efficiency
- Low lost motion
- Superior materials



A5153

Mercury Style



The A5153 throttle / shift control cable fits motor and control heads manufactured by Mercury Marine® outboards and Mercruiser® stern drives.

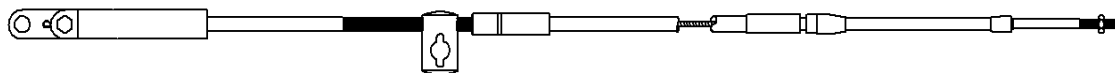
Stroke: Minimum 3.00"

End Fittings: Mercury standard connection

Core material: 0.075" diameter stainless steel core

A5932

Mercury Style



The A5932 throttle / shift control cable fits motors manufactured by Mercury Marine® outboards and Mercruiser® stern drives. It can be connected to any standard control head.

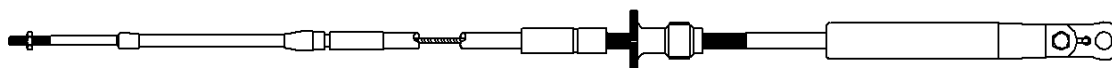
Stroke: Minimum 3.00"

End Fittings: 10 - 32 thread (one end)

Core material: 0.075" diameter stainless steel core

A6073

Johnson-Evinrude Style



The A6073 throttle / shift control cable fits motor manufactured by OMC (Johnson / Evinrude) after 1979. It can be connected to any standard control head.

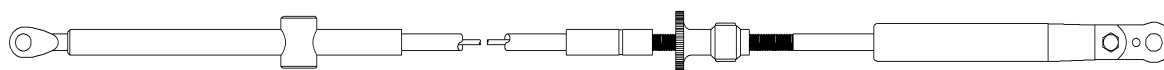
Stroke: Minimum 3.00"

End Fittings: 10 - 32 thread (one end)

Core material: 0.075" diameter stainless steel core

A6523

Johnson-Evinrude Style



The A6523 throttle / shift control cable fits motor and control heads manufactured by Johnson-Evinrude® outboards and OMC® stern drives (1979-to date OMC® control heads).

Stroke: Minimum 3.00"

End Fittings: OMC standard connection (after 1979)

Core material: 0.075" diameter stainless steel core

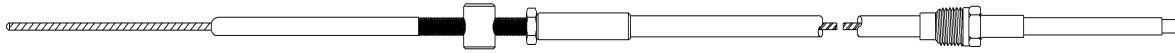
Specialty Marine Cables





A6950

I/O Lower Leg- Alpha (new)



The A6950 cable is specifically designed for Mercruiser Alpha Drive (new style)

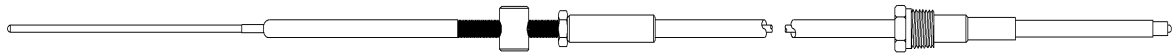
Stroke: Minimum 3.00"

End Fittings: Clamp fittings both ends

Core material: Armored core

A6949

I/O Lower Leg- Alpha (old)



The A6949 cable is specifically designed for Mercruiser Alpha Drive (old style)

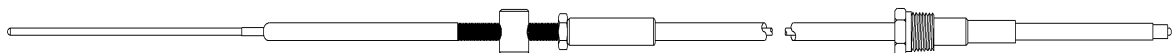
*Stroke: Minimum 3.00"

End Fittings: Clamp fitting (1), Bulkhead fitting (1)

Core material: Armored core

A6951

I/O Lower Leg- Bravo



The A6951 cable is specifically designed for Mercruiser Bravo Drive

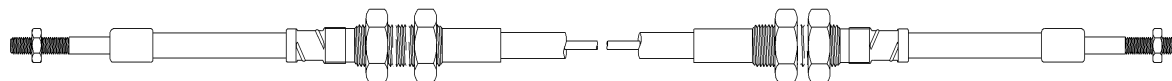
*Stroke: Minimum 3.00"

End Fittings: Clamp fitting (1), Bulkhead fitting (1)

Core material: Armored core

A6023

Jet Drive Style



The W-WB Style cable features 1/4 - 28 threaded slider ends with a clamp fitting on one end and a bulkhead fitting on the other suitable for Jet drive applications Similar to Morse 43BC.

*Stroke: Minimum 4.00"

End Fittings: Clamp fitting (1), Bulkhead fitting (1)

*** Stainless steel ***

Core material: Armored core



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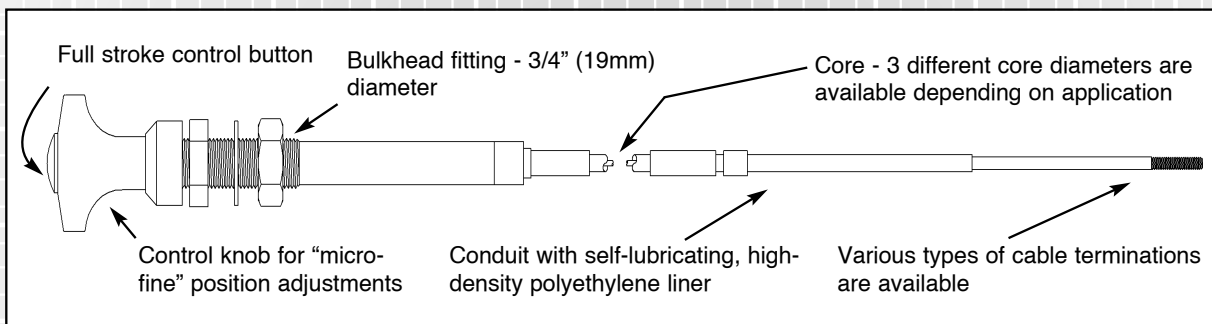
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Vernier Cables



Vernier cables offer the capability for controlling a function over the full range cable travel, as well as very small adjustments — down to 0.001"! *Glendinning* manufactures vernier cables with the following features and benefits:

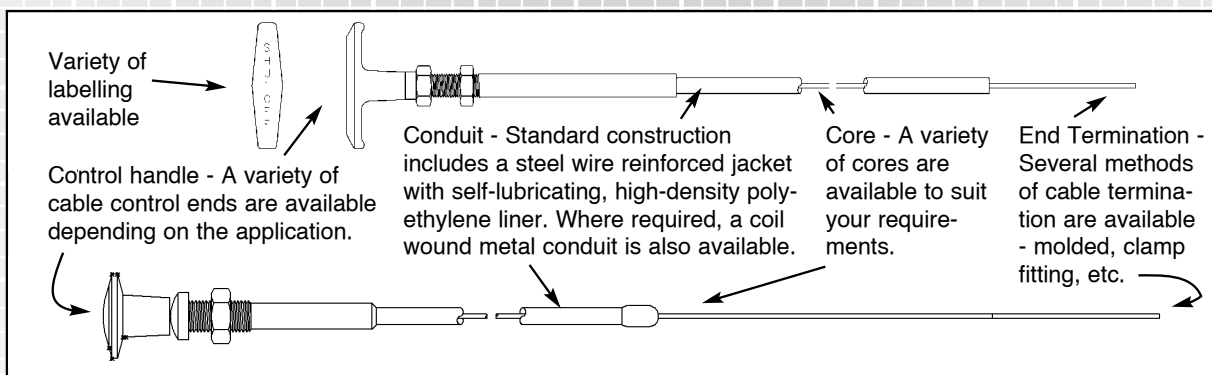
- **Full Stroke Control** - Press the control button down and the cable slides freely over it's entire stroke.
- **"Micro-fine" Cable Adjustment** - Rotate the control knob and the cable moves in extremely small increments!
- **"No Feedback" Design** - The load of the function being controlled is isolated from the operator — No throttle creep!
- **Torque Isolator** - The vernier knob includes a nylon thrust bearing, which eliminates any torque from the rotation of the control knob from being transmitted to the cable core.
- **Adjustable Input Torque** - The torque required to rotate the vernier control knob is adjustable.
- **Flexible Cable Design** - Many styles / options to choose from.



Contact Glendinning with your Vernier Cable requirements!

Utility Cables

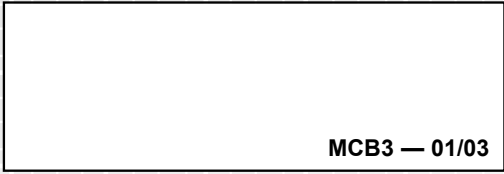
Glendinning manufactures a large variety of utility cables for different applications. Contact *Glendinning* with your specific requirements and we probably have a cable already engineered for your needs. Where necessary, cables can be custom made to your requirements.



Contact Glendinning with your Utility Cable requirements!



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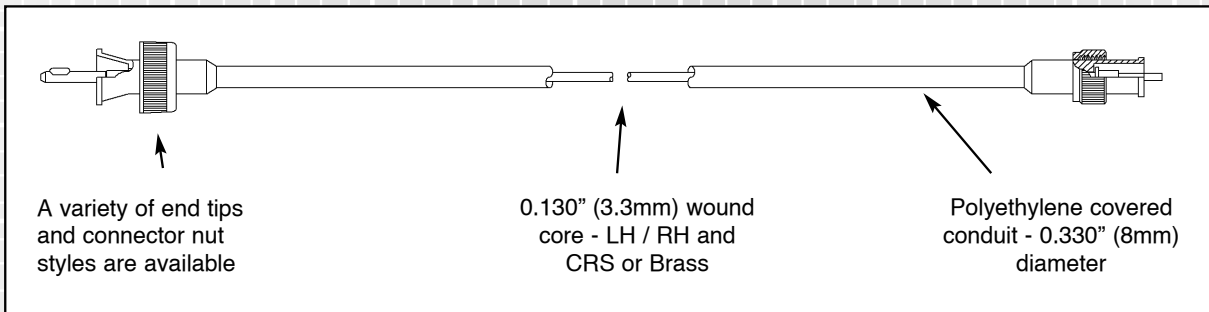
Vernier & Utility Cables

Rotary Drive Cables



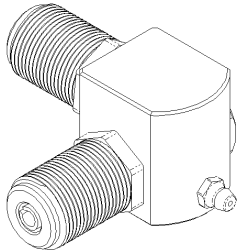
In addition to “push-pull” control cables, *Glendinning* also manufactures a large variety of rotary drive cables under the brand name “Slim Green.” Typically used for tachometer or speedometer applications, “Slim Green” cables are notable for many key features and benefits:

- **Molded / Sealed ends** - The ends of the cable have molded plastic end ferrules, protecting the core of the cable (and your instrument) from moisture and contamination.
- **Self-lubricated** - The inner liner of the conduit is self-lubricating high density polyethylene; no metal to contact between the core and conduit!
- **Protected Conduit** - A thick coating of high-density polyethylene covers the conduit, protecting it from moisture and corrosion.
- **“Slim” Construction** - The outside diameter of the cable is only 0.300” — much smaller than other tachometer cables!



Contact Glendinning with your rotary drive cable requirements!

Rotary Drive Joints



Glendinning manufactures a variety of drive joints for different applications:

- Speed changing
- Rotation reversing
- Single input / dual output
- Replacement drive joints for Detroit Diesel engines

Mechanical drive adapters are also available for engines that do not have this capability — Volvo, Yanmar, Caterpillar, etc.

Contact Glendinning with your rotary drive joint requirements!



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Tach Cables & Drive Joints