

EST. 1969

SWS

WARNING LIGHTS INC.



CONNECTOR & CABLE

CUSTOMIZATION GUIDE

**WHAT
PROS USE**

Your Vision, your custom build

CONNECTOR & CABLE CUSTOMIZATION GUIDE

At SWS Warning Lights Inc., we understand that every build is unique, and that the right interconnect solution can make all the difference. That's why we offer a full range of customization options for connectors and cables, designed to fit your exact specifications and streamline your installation process.

Whether you're outfitting municipal fleets, utility vehicles, or work trucks, our team is here to help you design a solution that fits your application perfectly. Choose from a variety of connector styles, wire gauges, cable lengths, and wire colour-coding options. You can even customize light colour configurations, including amber, blue, green, or dual-colour combinations, to meet your specific visibility and regulatory needs.

From concept to production, our technical specialists work with you to ensure a true plug-and-play experience; making installation faster, cleaner, and more reliable on the builder's end. With all the information and resources available at warninglightsinc.com, you'll have everything you need to get started.

When you choose SWS, you're choosing a partner committed to quality, flexibility, and innovation, **built for the way pros work.**

Got an Idea?



Scan the QR code and
tell us what you're looking for!

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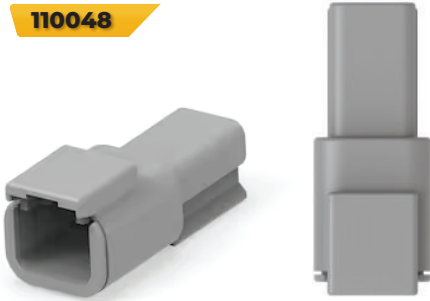
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CONNECTOR DT STYLE

2 Position

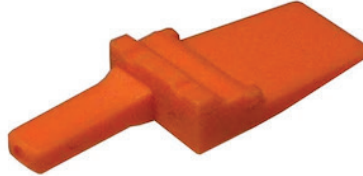
Pin Connector DT Style 2 Pos

110048



Wedgelock

110049



Connectivity examples for this model

Replacement Modules
79906



Socket Connector DT Style 2 Pos

110050



Wedgelock

110051



Connectivity examples for this model



**Beacon
27006SF**

Built for Success!

A client needed a beacon that would integrate smoothly into their existing systems without added complexity. The installer identified the need for a 2-position connector and a specific pinout configuration to align with their platform standards. SWS's engineering team responded with a focused collaboration that led to the 27006SF: an adapted beacon featuring the required customization. This purpose-built solution supports streamlined installation and consistent performance across their equipment lineup. This customization reflects the strong partnerships SWS develops with clients through a shared commitment to engineering efficiency and operational consistency.

Note: The application example displayed is for reference only. This connector is compatible with a wide range of components. For customized recommendations, call us at: 1-877-357-0222.

PICO OVERMOLDED 2 PIN

Pico Overmolded Connector

1871



23836
Amber Beacon

A Custom Fit for Fleet Integration

A major telecom fleet required a beacon solution that could integrate cleanly into a variety of vehicle upfits, each with different cable length requirements. To support this, the SWS team developed a series of custom beacons (23836, 23838, and 23839), each equipped with a Pico connector and wiring loom tailored to specific installation needs. This standardized yet flexible approach simplified installation across platforms, reduced setup time, and ensured consistent, reliable lighting across the service fleet.

PICO OVERMOLDED 3 PIN



Pico Overmolded Connector

110144

Pico Overmolded Connector

110146



Replacement
Cigarette Plug/Cord

96013

Connectivity examples for this model

Designed for flexibility and ease of use, the Pico Overmolded 3-Pin connector is perfect for temporary installations, no drilling required. Ideal for leased vehicles or fleet setups, this plug-and-play solution offers a quick disconnect system for fast removal. Available with magnetic, vacuum, or suction mounting options to suit your application.

210SM-12V-A
Amber Beacon



Note: The application example displayed is for reference only. This connector is compatible with a wide range of components. For customized recommendations, call us at: 1-877-357-0222.

SUPER SEAL

3 Position

AMP Superseal Connector 3 Pos

110156



Connectivity examples for this model



56044

**Snow Plow
Amber/Blue Warning Stick**



22122

**Snow Plow
Amber/Blue Beacon**

We offer flexible connector configurations to support a wide range of applications. One of our featured options is the Superseal connector, originally developed for snow plow systems to ensure secure, weather-resistant connections in extreme conditions. Today, this connector can be customized to meet a variety of requirements.

Our team works closely with you to develop connector solutions that align with your system specifications, streamline installation, and deliver long-term reliability.

Whatever your setup needs, we're ready to build it with you.

Note: The application example displayed is for reference only. This connector is compatible with a wide range of components. For customized recommendations, call us at: 1-877-357-0222.

CONNECTOR DT STYLE

3 Position

Socket Connector DT Style 3 Pos

110040

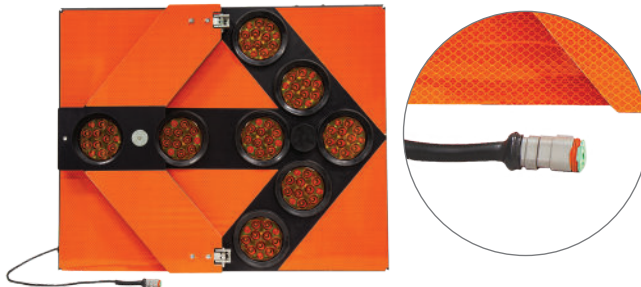


Wedgelock

110045



Connectivity examples for this model



Utility TC-12 55010



Traffic Arrow 54000

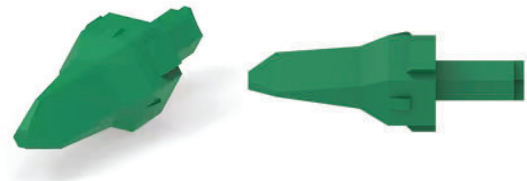
Pin Connector DT Style 3 Pos

110041



Wedgelock

110044



Connectivity examples for this model



Part #	Length
77250	20'
77251	30'
77252	40'
77253	50'

For additional cable lengths, check the Cable Section in this guide.

Note: The application example displayed is for reference only. This connector is compatible with a wide range of components. For customized recommendations, call us at: 1-877-357-0222.

CONNECTOR DT STYLE

4 Position

Socket Connector DT Style 4 Pos

110070



Wedgelock

110063



Connectivity examples for this model

**Beacon
22127**



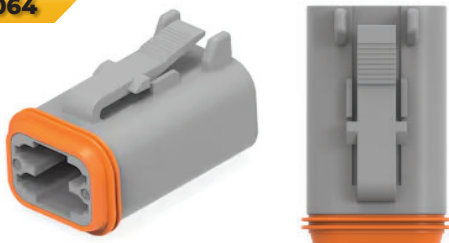
Engineering Compatibility with Ease

At SWS Warning Lights Inc., we pride ourselves on delivering solutions that meet real-world needs. In one project, our team developed a custom harness for an existing beacon to ensure full compatibility with a client's control system.

By tailoring the connection to match specific requirements, we created a plug-and-play solution that simplifies installation and enhances reliability in the field.

Pin Connector DT Style 4 Pos

110064



Wedgelock

110065



Note: The application example displayed is for reference only. This connector is compatible with a wide range of components. For customized recommendations, call us at: 1-877-357-0222.

CONNECTOR DT STYLE

6 Position

Socket Connector DT Style 6 Pos

110073



Wedgelock

110074



Connectivity examples for this model



S16362
Slim Minibar

16" Low Profile LED Slim Minibar

This model features a connector style originally designed exclusively for snow plow systems, ensuring seamless integration and reliable performance in harsh winter conditions. When paired with the TX, it allows operators to control the entire snow plow lighting array from a single interface, streamlining functionality and maximizing efficiency.

For more details on this product, refer to our Snow Plow Package Guide available at: warninglightsinc.com/product-guide

Pin Connector DT Style 6 Pos

110067



Wedgelock

110068



Connectivity examples for this model



722075
Cable Assy 50' BC Minibar

Note: The application example displayed is for reference only. This connector is compatible with a wide range of components. For customized recommendations, call us at: 1-877-357-0222.

CONNECTOR DT STYLE

8 Position

Socket Connector DT Style 8 Pos

110097



Wedgelock

110098



Connectivity examples for this model



S16397C
Slim Minibar

From Evaluation to Execution

When a client required specific pinout and connector modifications to better integrate the S16397 minibar with their system architecture, SWS Warning Lights delivered. Through close collaboration, from sample evaluations to engineering revisions, we developed a new cable layout and sealed connector solution that met the project's needs and production timeline. The result: the S16397C, a customized, production-ready light that enhances system compatibility and simplifies installation. This project reflects our commitment to responsive engineering and customer-driven solutions.

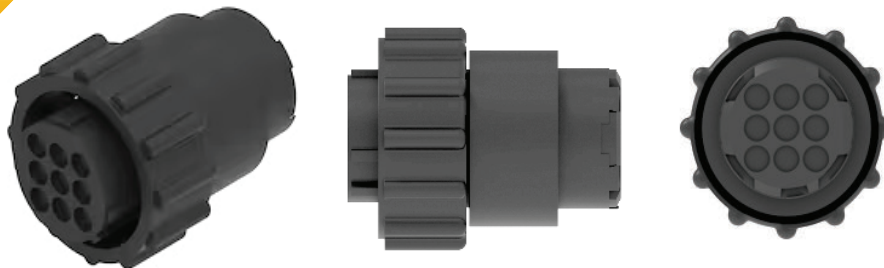
Note: The application example displayed is for reference only. This connector is compatible with a wide range of components. For customized recommendations, call us at: 1-877-357-0222.

CONNECTOR TWISTLOCK

9 Position

Pin Connector Twistlock 9 Pos

110010



Connectivity examples for this model



T481TL-70
Traffic Arrow

Client Innovation in Action:

When clients set their sights on upgrading to SWS's Titan product line, they brought a clear challenge to the table: how to take advantage of Titan's performance without the time and cost of rewiring vehicles which were already configured for the Orion series. Working closely with installers, a hybrid model was co-developed that blends Titan's modern build with Orion-compatible twist-lock connectors. This new hybrid option is now available to all clients looking for the same seamless transition that saves time, reduces labor, and preserves existing infrastructure.

Socket Connector Twistlock 9 Pos

110011



Connectivity examples for this model

Main Power Cable

Part #	Length
77200	20'
77201	30'
77202	40'
77203	50'



For additional cable lengths, check the Cable Section in this guide.

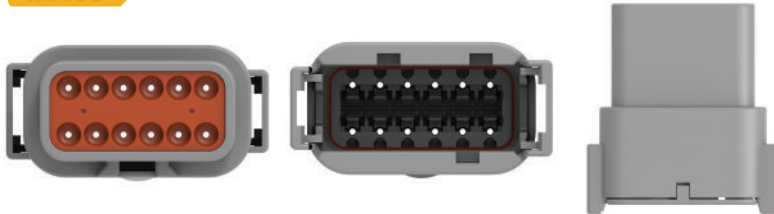
Note: The application example displayed is for reference only. This connector is compatible with a wide range of components. For customized recommendations, call us at: 1-877-357-0222.

CONNECTOR DT STYLE

12 Position

Pin Connector DT Style 12 Pos

110058



Boot DT Style

110057



Wedgelock

110059



Connectivity examples for this model



Traffic Arrow 57748-1



Traffic Arrow 57760-3

Socket Connector DT Style 12 Pos

110061



Backshell DT Style

110080



Connectivity examples for this model

Wedgelock

110079



Main Power Cable



Part #	Length
77260	20'
77261	30'
77262	40'
77263	50'

For additional cable lengths, check the Cable Section in this guide.

Note: The application example displayed is for reference only. This connector is compatible with a wide range of components. For customized recommendations, call us at: 1-877-357-0222.

CONNECTOR DT STYLE

12 Position

Pin Connector DT Style 12 Pos

110060



Wedgelock

110059



Connectivity examples for this model



Traffic Director 57448

Socket Connector DT Style 12 Pos

110061



Backshell DT Style

110080



Connectivity examples for this model

Wedgelock

110079



Main Power Cable



Part #	Length
77265	20'
77266	30'
77267	40'
77268	50'

For additional cable lengths, check the Cable Section in this guide.

Note: The application example displayed is for reference only. This connector is compatible with a wide range of components. For customized recommendations, call us at: 1-877-357-0222.

CABLES



2 Position
Pico Overmolded
Connector

2 Position

Part #	Description
1871	Cable 12" Pico Overmolded Connector 2pos



3 Position
Pico Overmolded
Connector

3 Position

Part #	Description
96028	Cable 18" Pico Overmolded Connector 3pos



3 Position
DT Style
Connector

77251
Cable 30' w/3pos DT

3 Position

Part #	Description
77250	Cable 20' w/3pos DT
77251	Cable 30' w/3pos DT
77252	Cable 40' w/3pos DT
77253	Cable 50' w/3pos DT

722000	Cable 2' Snow Plow Ext w/3pos DT
722001	Cable 4' Snow Plow Ext w/3pos DT
722068	Cable 10' Snow Plow Ext w/3pos DT
722069	Cable 20' Snow Plow Ext w/3pos DT
722070	Cable 30' Snow Plow Ext w/3pos DT
722071	Cable 40' Snow Plow Ext w/3pos DT
722072	Cable 50' Snow Plow Ext w/3pos DT



6 Position
DT Style
Connector

722088
Cable 20' 6posDT

6 Position

Part #	Description
722087	Cable 10' BC/AB SnowPlow Minibar Ext 6posDT
722088	Cable 20' BC/AB SnowPlow Minibar Ext 6posDT
722075	Cable 50' BC/AB SnowPlow Minibar Ext 6posDT

Note: Part # cables listed are current set ups for SWS products. For customized recommendations, call us at: 1-877-357-0222.

CABLES



9 Position
Twist-lock
Disconnect

77201
Cable 30' Orion w/9TL

9 Position

Part #	Description
77200	Cable 20' Orion w/9TL
77201	Cable 30' Orion w/9TL
77202	Cable 40' Orion w/9TL
77203	Cable 50' Orion w/9TL
77204	Cable 60' Orion w/9TL
77205	Cable 70' Orion w/9TL

77212	Cable 5' Orion Ext w/9TL
77206	Cable 10' Orion Ext w/9TL
77210	Cable 15' Orion Ext w/9TL
77207	Cable 20' Orion Ext w/9TL
77208	Cable 30' Orion Ext w/9TL
77209	Cable 40' Orion Ext w/9TL
77213	Cable 60' Orion Ext w/9TL



12 Position
DT Style
Connector

77261
Cable 30' Orion w/9TL

12 Position

Part #	Description
77260	Cable 20' Fleet Titan Series 12pos DT
77261	Cable 30' Fleet Titan Series 12pos DT
77262	Cable 40' Fleet Titan Series 12pos DT
77263	Cable 50' Fleet Titan Series 12pos DT
77257	Cable 60' Fleet Titan Series 12pos DT
77258	Cable 70' Fleet Titan Series 12pos DT
77259	Cable 80' Fleet Titan Series 12pos DT



12 Position
DT Style
Connector

77271
Cable 20' 77504 & Titan
Splits 12pos DT

77260-HL	Cable w3 Wire 20' Fleet Titan 12posDT
77261-HL	Cable w3 Wire 30' Fleet Titan 12posDT
77262-HL	Cable w3 Wire 40' Fleet Titan 12posDT
77263-HL	Cable w3 Wire 50' Fleet Titan 12posDT
77257-HL	Cable w3 Wire 60' Fleet Titan 12posDT
77258-HL	Cable w3 Wire 70' Fleet Titan 12posDT
77259-HL	Cable w3 Wire 80' Fleet Titan 12posDT

77270	Cable 10' 77504 & Titan Splits 12pos DT
77271	Cable 20' 77504 & Titan Splits 12pos DT
77272	Cable 30' 77504 & Titan Splits 12pos DT
77273	Cable 40' 77504 & Titan Splits 12pos DT

Note: Part # cables listed are current set ups for SWS products. For customized recommendations, call us at: 1-877-357-0222.

CABLES



12 Position
DT Style
Connector

77265
Cable 20' 12posDT

12 Position

Part #	Description
77220	Cable 10' Titan Fleet Ext 12pos DT
77221	Cable 20' Titan Fleet Ext 12pos DT
77222	Cable 30' Titan Fleet Ext 12pos DT
77265	Cable 20' Fleet + Titan Series 12pos DT
77266	Cable 30' Fleet + Titan Series 12pos DT
77267	Cable 40' Fleet + Titan Series 12pos DT
77268	Cable 50' Fleet + Titan Series 12pos DT
77265-ST	Cable 20' Fleet + TitanSeries 12posDTwST
77266-ST	Cable 30' Fleet + TitanSeries 12posDTwST
77267-ST	Cable 40' Fleet + TitanSeries 12posDTwST
77268-ST	Cable 50' Fleet + TitanSeries 12posDTwST



9 Position
Twist-lock
Disconnect

77280
Cable Orion to Titan

12 Position
DT Style
Connector

9 Position to 3 Position

Part #	Description
77282	Cable 59040 to Titan DT Conversion

9 Position to 12 Position

Part #	Description
77280	Cable Orion TL to Titan DT Conversion
77281	Cable 59041 to Titan DT Conversion

Bulk Cable

Part #	Description
77100	Cable Priced/Foot 3 conductor 16AWG
7724	Cable Priced/Foot 9 conductor

BUILD YOUR OWN CABLE

Custom Cable & Connector Request Form



Thank you for choosing SWS Warning Lights Inc. for your custom solution. Please fill out the form below and hand it to your factory representative, or scan the QR code to submit it digitally. Our team will review your request and get back to you with a tailored recommendation.

Contact Information

Full name: _____
E-mail address: _____
Phone number: () _____
Company Name (if applicable): _____
Industry Type: _____

Product Type:

- ☐ Traffic Arrows
☐ Traffic Directors
☐ Warning Sticks
☐ Minibars
☐ Beacons
☐ Other: _____

Tier:

- ☐ Select
☐ Fleet
☐ Fleet Plus

Cable Requirements

Application Type (Select all that apply):

- ☐ Snow Plow
☐ Utility Vehicle
☐ Construction Equipment
☐ Municipal Fleet
☐ Other: _____

Number of Conductors:

- ☐ 2
☐ 3
☐ 4
☐ 5
☐ Other: _____

Mounting Type:

- ☐ Permanent
☐ Magnetic
☐ Suction
☐ Vacuum

Cable Length Required (ft):

Connector Requirements

End 1 Connector Type:

- ☐ DT Style
☐ Twist Lock
☐ SuperSeal
☐ Pico Overmolded
☐ Open End / Pigtail
☐ Not Sure – Recommend Based on Use
☐ Other: _____

Wire gauge: _____

Annual Usage/Volume: _____

End 1 Connector end:

- ☐ Pin Connector
☐ Socket Connector

End 1 Number of Terminals:

- ☐ 2 ☐ 8
☐ 3 ☐ 9
☐ 4 ☐ 12
☐ 6
☐ Other: _____

End 2 Connector Type:

- ☐ DT Style
☐ Twist Lock
☐ SuperSeal
☐ Pico Overmolded
☐ Open End / Pigtail
☐ Not Sure – Recommend Based on Use
☐ Other: _____

Wire gauge: _____

End 2 Connector end:

- ☐ Pin Connector
☐ Socket Connector

End 2 Number of Terminals:

- ☐ 2 ☐ 8
☐ 3 ☐ 9
☐ 4 ☐ 12
☐ 6
☐ Other: _____

Final Notes

Additional Comments / Special Instructions:

Once received, our team will review the information and get in touch with a custom solution that fits your needs.



NOTES

WHAT
PROS
USE

NOTES

WHAT
PROS
USE

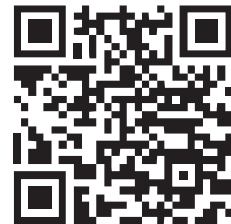


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