

# DOUBLE DUAL™

**AN INDUSTRY FIRST - TECTRAN'S ONE-PLUG SOLUTION!** A patent pending, dual pole plug that is universally configured to function with **both vertical and horizontal** socket designs. One plug handles all your dual pole application needs! SAE J3082 Compliant

**SIMPLIFIED CONNECTIONS - DOUBLE DUAL™** design innovation eliminates the need to stock multiple dual pole plug and cable assemblies. Simplify fleet equipment with this universal plug option.



## TECTRAN'S ONE-PLUG SOLUTION for your Specialty Applications

- Tailgate Applications
- Tarp Systems
- Charging Systems



Tectran's Patent Pending  
**DOUBLE DUAL™**

**VERSATILITY ON THE VEHICLE - DOUBLE DUAL™**  
Accommodates bi-directional connectivity regardless of the single or dual pole configuration used on either the tractor or trailer.

## DOUBLE DUAL™ Application Combination Chart

- Use a DoubleDual™ Assembly Part Number Ending in "MW" (ex. 7DDB522MW)
- Use a DoubleDual™ Assembly Part Number Ending in "XW" (ex. 7DDB522XW)
- Tectran also manufactures a variety of single pole to single pole assemblies. See our website or catalog for more details.

		Vertical	Horizontal	Single Pole
TRACTOR SIDE	Vertical	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Horizontal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Single Pole	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Y



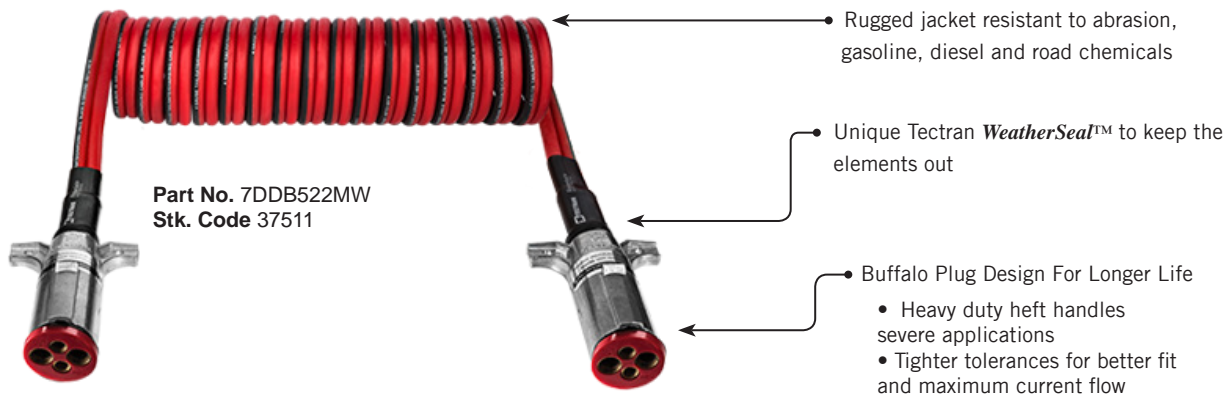
# DOUBLE DUAL™ PLUG PARTS COVERAGE

## DOUBLE DUAL™ PLUG PARTS COVERAGE

Part No.	Stk Code	Length	Lead Length/Connectors	Style	Replaces Standard 2 Pole Part #
7DDB222MW	37514	12'	12" <i>DOUBLE DUAL</i> x 12" <i>DOUBLE DUAL</i>	Coiled with <i>WeatherSeal™</i>	7DTB222MW 7DV4222MW 7DV6222MW
7DDB222XW	37516	12'	12" <i>DOUBLE DUAL</i> x 12" Single Pole	Coiled with <i>WeatherSeal™</i>	7DTB222XW
7DDB522MW	37511	15'	12" <i>DOUBLE DUAL</i> x 12" <i>DOUBLE DUAL</i>	Coiled with <i>WeatherSeal™</i>	7DTB522MW 7DV4522MW 7DV6522MW
7DDB522XW	37517	15'	12" <i>DOUBLE DUAL</i> x 12" Single Pole	Coiled with <i>WeatherSeal™</i>	7DTB522XW
7DDB524MW	37515	15'	12" <i>DOUBLE DUAL</i> x 24" <i>DOUBLE DUAL</i>	Coiled with <i>WeatherSeal™</i>	7DTB524MW
7DDB524XW	37518	15'	12" Single Pole x 24" <i>DOUBLE DUAL</i>	Coiled with <i>WeatherSeal™</i>	7DTB524XW
7DDB542MW	37512	15'	12" <i>DOUBLE DUAL</i> x 48" <i>DOUBLE DUAL</i>	Coiled with <i>WeatherSeal™</i>	7DTB542MW 7DV4542MW 7DV6542MW
7DDB542XW	37519	15'	12" Single Pole x 48" <i>DOUBLE DUAL</i>	Coiled with <i>WeatherSeal™</i>	-
7DDD122MW	37520	12'	2 <i>DOUBLE DUAL</i>	Straight with <i>WeatherSeal™</i>	-
7DDS122XW	37522	12'	1 <i>DOUBLE DUAL</i> & 1 Single Pole	Straight with <i>WeatherSeal™</i>	-
7DDD152MW	37521	15'	2 <i>DOUBLE DUAL</i>	Straight with <i>WeatherSeal™</i>	7D152MW
7DDS152XW	37523	15'	1 <i>DOUBLE DUAL</i> & 1 Single Pole	Straight with <i>WeatherSeal™</i>	7CR152MW
670-DDSG	38796	-	-	Plug Assembly	670-19SG 670-21SG 670-27SG 670-29SG

### Innovative Premium Features

- Performance & Flexibility at -85°F
- Heavy duty, fine strand copper for maximum currency transmission
- Screw type terminals for exceptional connectivity
- Superior coil memory and durability
- 110 amp maximum current carrying capacity for continuous 12 volt use
- 200 amp maximum current carrying capacity for intermittent use





**TECTRAN**  
Solutions for Transportation Equipment

**DOUBLEDUAL™ POWERCOIL REPLACEMENT CHART FOR CURRENT 2-POLE PRODUCT OFFERING**

**SIMPLIFIED CONNECTIONS - DOUBLEDUAL™** design innovation eliminates the need to stock multiple dual pole plug and cable assemblies. Simplify fleet equipment with this universal plug option.



<b>DOUBLEDUAL Part No.</b>	<b>Replaces Standard 2 Pole Product</b>
7DDB222MW	7DTB222MW 7DV4222MW 7DV6222MW
7DDB222XW	7DTB222XW
7DDB522MW	7DTB522MW 7DV4522MW 7DV6522MW
7DDB522XW	7DTB522XW
7DDB524MW	7DTB524MW
7DDB524XW	7DTB524XW
7DDB542MW	7DTB542MW 7DV4542MW 7DV6542MW
7DDD152MW	7D152MW
7DDS152XW	7CR152MW

**DOUBLEDUAL™**  
Application Combination Chart

		TRAILER SIDE		
		Vertical	Horizontal	Single Pole
TRACTOR SIDE	Vertical	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Horizontal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Single Pole	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y

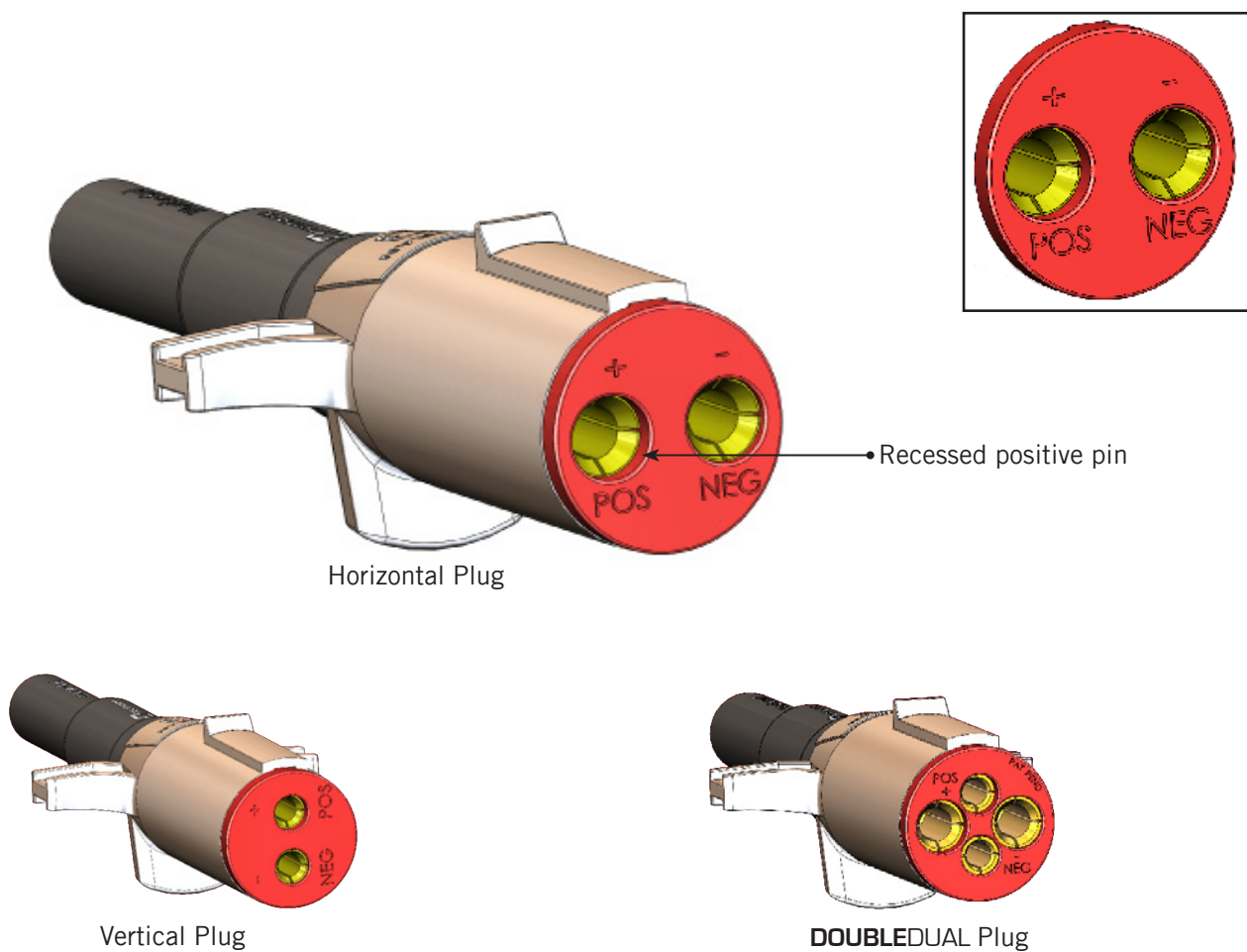
Y Tectran also supplies Single Pole to Single Pole Cable Assemblies



PRODUCT BULLETIN

# DUAL POLE PLUG & SOCKET UPDATE – Recessed Positive Pin

Tectran Manufacturing is making a product upgrade to all dual pole plugs, sockets, and related cable assemblies, including DoubleDual™. The positive pin(s) will now be recessed slightly into the housing. This new feature will ensure that the ground path is established before the “live” portion of the circuit is completed in order to reduce the possibility of any current “back channeling” through an alternative ground path (such as the king pin/ 5th wheel or the ground path in the 7-Way J560 connector) in the event that an operator attempts to mate the plug while it is “hot.”



The new, recessed positive pin feature has a secondary benefit of reducing the possibility of an operator creating a short circuit condition (IE arcing/sparking) if they are holding a “live” plug and accidentally bring it too close to a grounded object (such as the truck or trailer frame). Note that this new feature is not intended to encourage an operator to knowingly engage in either of the activities listed, but instead to act as a safety feature in the event that these scenarios, or others like them, occur by accident. For safe operation, all mating and removal of plugs should be done while the circuit is OFF.

Manufacturing of plug and socket inserts with the new recessed positive pin feature has already begun and are being released into our global supply chain as a running change.