

## How to Read WTS Connector Part Numbers For 10 – 6 Gauge Connector Series

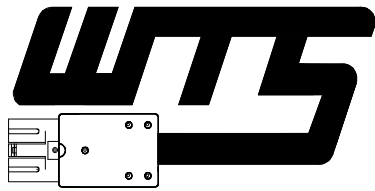
### Prefix + Basic Part Name + Suffix + 2<sup>nd</sup> (or 2<sup>nd</sup> & 3<sup>rd</sup>) Suffix

**Example:**

**48CA45OSL = 48 Volt + Cable Cap + 45 Amp + Over Size + Straight Strain Relief**

<u>Voltage Rating</u>	<u>Basic Part Name</u>	<u>Connector Current Keying</u>	<u>2<sup>nd</sup> Suffix</u>
48 = 48 VDC	For UL Listed Connectors CA = Cable Cap	65 = 65 AMPS	No Markings – Takes National Electrical Code® (NEC) required size
24 = 24 VDC	PL = Cable Plug LC = Fixed Mount	45 = 45 AMPS	OS - Over Size: Takes next larger wire over required NEC size
	Additional Part Names for UL Recognized Connectors	30 = 30 AMPS	OOS - Over Over Size : Takes wire two sizes larger than required
	BP = Back Plane Plug PP = Panel Mount Plug CP = Component Plug CC = Component Cap PC = Panel Mount Cap PPG = Panel Mount w. Gr. CAG = Cable Connector W. Gr. SL = Surface Mount Plug SP = Surface Mount Cap	<u>NEC Required Size for Field Wiring</u> <b>Maximum Current    Wire Size</b>	L - Straight Strain Relief*  LR – Right Angle Strain Relief*
		65 AMPS    6 AWG 45 AMPS    8 AWG 30 AMPS    10 AWG	

\* For UL Listed Connectors



## How to Read Connector Part Numbers For 8 – 2 Gauge Connector Series

### Prefix + C + Gauge + Basic Part Name + Suffix + 2<sup>nd</sup> Suffix

**Example:**

**48C4CA65L = 48 VDC + Color Coded Contacts + 4 gauge + Cable Cap + 65 A + L**

<u>Voltage Rating</u>	<u>C</u>	<u>Gauge</u>	<u>Basic Part Name</u>	<u>Connector Current Keying</u>	<u>L</u>
48 = 48 VDC  24 = 24 VDC	The “C” identifies the 8 – 2 Gauge Connector Series that uses color coded contacts.	8, 6, 4 or 2	CA = Cable Cap PL = Cable Plug	65 = 65 AMPS 45 = 45 AMPS 30 = 30 AMPS	Straight Strain Relief
<u>National Electrical Code® (NEC) Required</u>					
<u>Size for field wiring</u>					
<b>Maximum</b>					
<b>Current      Wire Size</b>					
65 AMPS      6 AWG					
45 AMPS      8 AWG					
30 AMPS      10 AWG					