

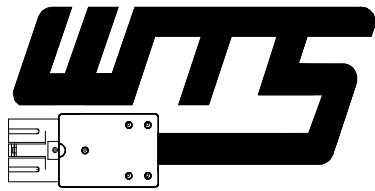
How to Read WTS Connector Part Numbers For 10 – 6 Gauge Connector Series

Prefix + Basic Part Name + Suffix + 2nd (or 2nd & 3rd) 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>2nd 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> Maximum Current Wire Size 65 AMPS 6 AWG 45 AMPS 8 AWG 30 AMPS 10 AWG	L - Straight Strain Relief* LR – Right Angle Strain Relief*
			* For UL Listed Connectors



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

Prefix + C + Gauge + Basic Part Name + Suffix + 2nd 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 Size for field wiring</u>	
				Maximum	
				Current	Wire Size
				65 AMPS	6 AWG
				45 AMPS	8 AWG
				30 AMPS	10 AWG