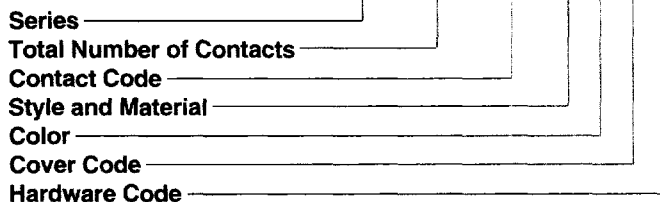


516 SERIES COLORED RACK & PANEL CONNECTORS

516 SERIES ORDERING CODE

Example Part Number **516 - 038 - 500 - B 3 1 2**



Note: If no color code is indicated, standard colors will be supplied as noted on page 98.

Series 516

Total Number of Contacts

020, 038, 056, or 090

Contact Code ^{1,2}	Description & Tail Size	Tail Length "G"
000	No Contacts Assembled	—
500	Wire Hole .110 x .024(2.79 x 0.61)	.245 (6.22)
501	Taper Tab	.215 (6.22)
520	P.C. Tail .025 x .024 (0.64 x 0.61)	.215 (5.46)
540	Wire Wrap .050 x .024 (1.27 x 0.61)	.600 (15.24)
541	Wire Wrap .026 x .024 (0.66 x 0.61)	.620 (15.75)
542	Wire Wrap .050 x .024 (1.27 x 0.61)	.790 (20.07)

Style & Material & color ³	Style	Insulator Material & Color
Y3	Plug	Yellow Polycarbonate
Y4	Receptacle	Yellow Polycarbonate

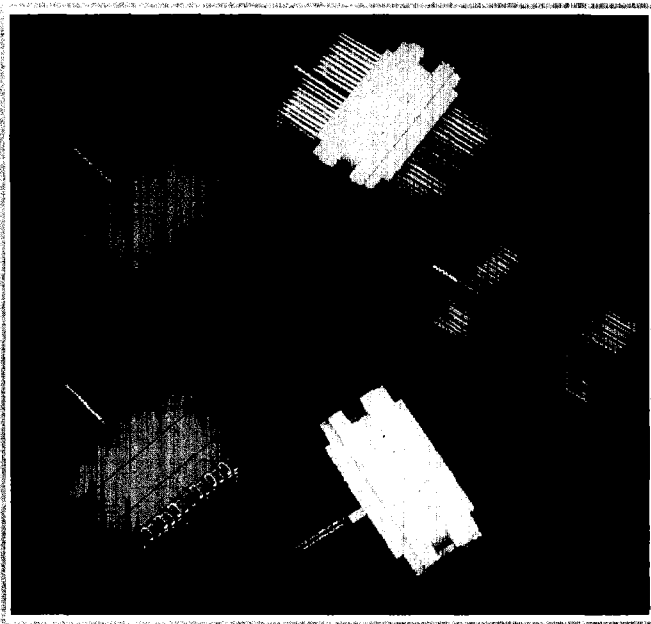
Color code	Y	indicates	Yellow
	N	indicates	Green
	A	indicates	Orange
	P	indicates	Purple
	W	indicates	White
	B	Indicates	Black

Cover Code ^{4,5,6,7}	Description
0	No Cover Assembled
1	Plastic Cover, Top Entry Standard Clamp
2	Plastic Cover, Side Entry Standard Clamp
3	Plastic Cover, Top Entry Large Clamp
4	Plastic Cover, Side Entry Large Clamp
5	Metal Cover, Side Entry
6	Metal Cover, Top Entry

Note: Plastic covers will be supplied in the insulator color metal covers supplied in grey, other color plastic covers to be ordered separately.

Hardware Codes, Contact Codes

See page 98.



FEATURES

- UL Recognized
- .150 (3.81) Contact Spacing x .130 (3.30) or .150 (3.81) Row Spacing with Staggered Grid
- Plug and Receptacle in 20, 38, 56 or 90 Contact Sizes
- Edacon Hermaphroditic Contact Mating Design
- Contact Termination Options include Crimp, P.C. Tail, Wire Hole, Wire Wrap, and Taper Tail.
- Mating and Unmating Simplified with use of Actuating Screws
- Optional Covers with Cable Clamp Available in Plastic or Zinc Material for all Connector Sizes with Side or Top Cable Entry
- Versatile Metal Cover Design permits Assembly or Disassembly After Cabling is Complete plus Cable Entry Style Flexibility
- Actuating Screws, Locknuts, Polarizing Hardware, Covers and Contacts Suitable for either Plug or Receptacle
- Polarizing Hardware Adjustable for 288 Mating Combinations
- Tools Available for Contact Installation, Removal and Crimping and Polarizing Changes

SPECIFICATIONS

- ◆ Insulator Material: Polycarbonate, Colour: Yellow, Green, Orange, Purple, White, Black and Grey.
- ◆ Contact Material: Phosphor Bronze Alloy CA-510
- ◆ Contact Plating: Gold over Nickel for Entire Contact
- ◆ Cover Material: Polycarbonate, Colour: Yellow, Green, Orange, Purple, White and black or Die-Cast Zinc, Finished with Grey Enamel Paint
- ◆ Current Rating: 8.5 Amperes
- ◆ Contact Resistance: 10 Milliohms Maximum
- ◆ Dielectric Withstanding Voltage: 2000 V AC rms at Sea Level
- ◆ Insulation Resistance: 5000 Megohms Minimum
- ◆ Operating Temperature: -65 to +125 Degrees C
- ◆ Insertion and Withdrawal Force: 2 to 16 oz (0.56 to 4.45 N) per Contact Position