

Alpha Essentials
The Reliable Source for
Industry-Standard Cable

Alpha
Essentials

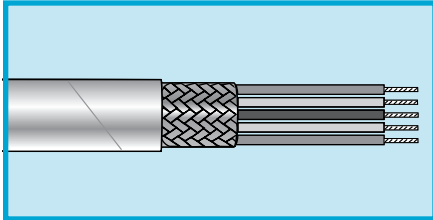


 **AlphaWire**
Cables you trust. Service you deserve.

High/Low-Temperature Cable

600 V Braid Shield, Multiconductor, PTFE, PTFE

Alpha
Essentials



NEMA WC27500 Type RC SAE AS22759/11

Operating Temperature

- -55°C to +200°C

Conductor Color Coding

- Per SAE AS22759/11

Materials

- Stranded silver-plated conductors
- PTFE insulation
- Silver-plated braid shield, 85% coverage
- Natural PTFE jacket

Availability

100 ft (30.5 m)

Bulk, cut to length

(Minimums may apply)

Spools may contain multiple lengths

24 AWG (0.24 mm²)

Stranding: 19/36 (19 x 0.13 mm)
Insulation thickness: 0.009 (0.24 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
24RC2S06	2	0.124	3.15	0.010	0.25
24RC3S06	3	0.131	3.51	0.010	0.25
24RC4S06	4	0.142	3.61	0.010	0.25

22 AWG (0.38 mm²)

Stranding: 19/34 (19 x 0.16 mm)
Insulation thickness: 0.009 (0.24 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
22RC2S06	2	0.138	3.51	0.010	0.25
22RC3S06	3	0.146	3.71	0.010	0.25
22RC4S06	4	0.159	4.04	0.010	0.25

20 AWG (0.61 mm²)

Stranding: 19/32 (19 x 0.20 mm)
Insulation thickness: 0.010 (0.25 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
20RC2S06	2	0.158	4.01	0.010	0.25
20RC3S06	3	0.167	4.24	0.010	0.25
20RC4S06	4	0.183	4.65	0.010	0.25

18 AWG (0.96 mm²)

Stranding: 19/30 (19 x 0.25 mm)
Insulation thickness: 0.011 (0.28 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
18RC2S06	2	0.182	4.62	0.010	0.25

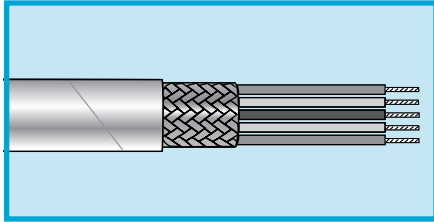
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High/Low-Temperature Cable

600 V Braid Shield, Multiconductor, ETFE, ETFE

Alpha
Essentials



NEMA WC27500 Type TE SAE AS22759/16

Operating Temperature

- -55°C to +150°C

Conductor Color Coding

- Per SAE AS22759/16

Materials

- Stranded tinned copper conductors
- ETFE insulation
- Tinned copper braid shield, 85% coverage
- Natural ETFE jacket

Availability

100 ft (30.5 m)

Bulk, cut to length

(Minimums may apply)

Spools may contain multiple lengths

24 AWG (0.24 mm²)

Stranding: 19/36 (19 x 0.13 mm)
Insulation thickness: 0.011 (0.28 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
275002402	2	0.132	3.35	0.010	0.25

22 AWG (0.38 mm²)

Stranding: 19/34 (19 x 0.16 mm)
Insulation thickness: 0.011 (0.28 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
275002201	1	0.094	2.39	0.010	0.25
275002202	2	0.146	3.71	0.010	0.25
275002203	3	0.154	3.91	0.010	0.25
275002204	4	0.168	4.27	0.010	0.25

20 AWG (0.61 mm²)

Stranding: 19/32 (19 x 0.20 mm)
Insulation thickness: 0.011 (0.28 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
275002001	1	0.102	2.59	0.010	0.25
275002002	2	0.158	4.01	0.010	0.25
275002003	3	0.171	4.34	0.010	0.25
275002004	4	0.187	4.75	0.010	0.25

18 AWG (0.96 mm²)

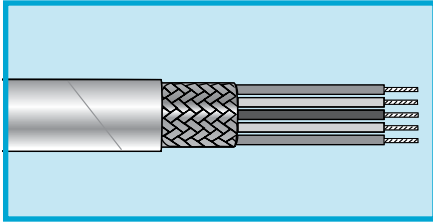
Stranding: 19/30 (19 x 0.25 mm)
Insulation thickness: 0.012 (0.30 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
275001801	1	0.112	2.84	0.010	0.25
275001802	2	0.182	4.62	0.010	0.25

High/Low-Temperature Cable

600 V Braid Shield, Multiconductor, PTFE, PTFE

Alpha
Essentials



MIL-W-16878/4 (Type E) NEMA HP3

Operating Temperature

- -55°C to +200°C

Conductor Color Coding

- Chart P

Materials

- Silver-plated copper conductors
- PTFE insulation
- Silver-plated copper braid shield, 85% coverage
- White PTFE jacket

Availability

100 ft (30.5 m)

500 ft (152 m)

1000 ft (305 m)

Bulk, cut to length

(Minimums may apply)

Spools may contain multiple lengths

NEMA HP3-EXBEE

26 AWG (0.14 mm²)

Stranding: 7/34 (7 x 0.16 mm)
Insulation thickness: 0.010 (0.25 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M1201	1	0.081	2.06	0.010	0.25
M1202	2	0.124	3.15	0.012	0.30
M1203	3	0.130	3.30	0.012	0.30
M1204	4	0.140	3.56	0.012	0.30

NEMA HP3-EXBEE

24 AWG (0.24 mm²)

Stranding: 19/36 (19 x 0.13 mm)
Insulation thickness: 0.010 (0.25 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M1211	1	0.087	2.21	0.010	0.25
M1212	2	0.136	3.45	0.012	0.30
M1213	3	0.143	3.63	0.012	0.30
M1214	4	0.155	3.94	0.012	0.30

NEMA HP3-EXBFE

22 AWG (0.38 mm²)

Stranding: 19/34 (19 x 0.16 mm)
Insulation thickness: 0.009 (0.23 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M1221	1	0.092	2.34	0.010	0.25
M1222	2	0.146	3.71	0.012	0.30
M1223	3	0.154	3.91	0.012	0.30
M1224	4	0.167	4.24	0.012	0.30

NEMA HP3-EXBGE

20 AWG (0.61 mm²)

Stranding: 19/32 (19 x 0.20 mm)
Insulation thickness: 0.009 (0.23 mm)

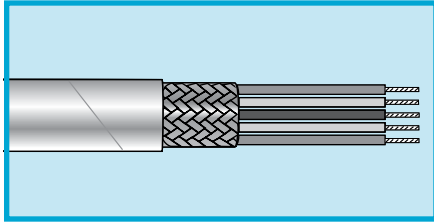
Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M1231	1	0.100	2.54	0.010	0.25
M1232	2	0.158	4.01	0.012	0.30
M1233*	3	0.171	4.34	0.010	0.25
M1234	4	0.186	4.72	0.012	0.30

*NEMA HP3-EXBJE.

High/Low-Temperature Cable

600 V Braid Shield, Multiconductor, PTFE, PTFE

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MIL-W-16878/14 (Type E) NEMA HP3

Operating Temperature

- -55°C to +200°C

Conductor Color Coding

- Chart P

Materials

- Silver-plated copper conductors
- PTFE insulation
- Silver-plated copper braid shield, 85% coverage
- White PTFE jacket

Availability

100 ft (30.5 m)

500 ft (152 m)

1000 ft (305 m)

Bulk, cut to length

(Minimums may apply)

Spools may contain multiple lengths

NEMA HP3-EXBHE

18 AWG (0.96 mm²)

Stranding: 19/30 (19 x 0.25 mm)
Insulation thickness: 0.010 (0.25 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M1241*	1	0.112	2.84	0.010	0.25
M1242	2	0.186	4.72	0.012	0.30
M1243	3	0.197	5.00	0.012	0.30
M1244	4	0.215	5.46	0.012	0.30

*NEMA HP3-EXBGE.

NEMA HP3-EXBJE

16 AWG (1.23 mm²)

Stranding: 19/29 (19 x 0.29 mm)
Insulation thickness: 0.012 (0.30 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M1251	1	0.122	3.10	0.010	0.25
M1252	2	0.206	5.23	0.012	0.30
M1253	3	0.219	5.56	0.012	0.30
M1254	4	0.240	6.10	0.012	0.30

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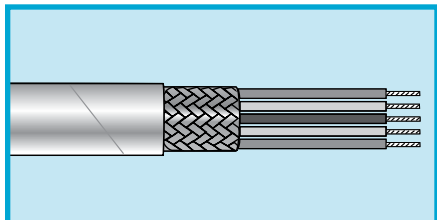
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High/Low-Temperature Cable

600 V Braid Shield, Multiconductor, PTFE, FEP

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Essentials



MIL-W-16878/4 (Type E) Components

Operating Temperature

- -55°C to +200°C

Conductor Color Coding

- Chart P

Materials

- Silver-plated copper conductors
- PTFE insulation
- Silver-plated copper braid shield, 85% coverage
- White FEP jacket

Availability

100 ft (30.5 m)

500 ft (152 m)

Bulk, cut to length

(Minimums may apply)

Spools may contain multiple lengths

24 AWG (0.24 mm²)

Stranding: 19/36 (19 x 0.13 mm)

Insulation thickness: 0.0095 (0.24 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
72402	2	0.134	3.40	0.012	0.30

22 AWG (0.38 mm²)

Stranding: 19/34 (19 x 0.16 mm)

Insulation thickness: 0.0095 (0.24 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
72203	3	0.156	3.96	0.012	0.30

20 AWG (0.61 mm²)

Stranding: 19/32 (19 x 0.20 mm)

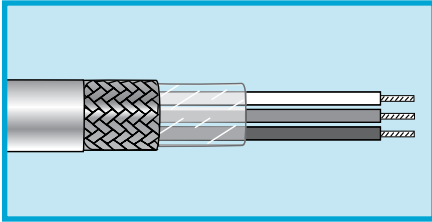
Insulation thickness: 0.0095 (0.24 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
72001	1	0.102	2.59	0.010	0.25

High/Low-Temperature Cable

600 V Braid Shield, Multiconductor, PTFE, FEP

Alpha
Essentials



MIL-DTL-16878/4 (Type E) NEMA HP3-EXBEE

Operating Temperature

- -55°C to +200°C

Conductor Color Coding

- Chart G

Materials

- Stranded silver-plated copper conductors
- PTFE insulation
- Clear polyester wrap
- Silver-plated copper braid shield, 90% coverage
- White FEP jacket

Availability

100 ft (30.5 m)

1000 ft (305 m)

Spools may contain multiple lengths

24 AWG (0.24 mm²)

Stranding: 19/36 (19 x 0.13 mm)
Insulation thickness: 0.010 (0.25 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
2831	1	0.087	2.21	0.010	0.25
2831/2	2	0.132	3.35	0.010	0.25
2831/3	3	0.139	3.53	0.010	0.25

22 AWG (0.38 mm²)

Stranding: 19/34 (19 x 0.16 mm)
Insulation thickness: 0.009 (0.23 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
2834	1	0.092	2.34	0.010	0.25
2834/2	2	0.142	3.61	0.010	0.25
2834/3	3	0.154	3.91	0.012	0.30

20 AWG (0.62 mm²)

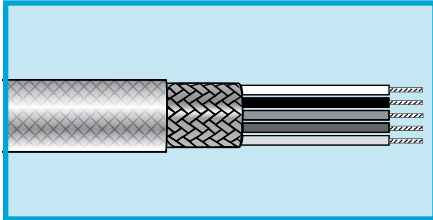
Stranding: 19/32 (19 x 0.20 mm)
Insulation thickness: 0.009 (0.23 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
2837/2	2	0.162	4.11	0.012	0.30
2837/3	3	0.171	4.34	0.012	0.30

High/Low-Temperature Cable

600 V Braid Shield, Multiconductor, TFE, Fiberglass

Alpha
Essentials



MIL-DTL-16878/4 (Type E) NEMA HP3-EXBEE

Operating Temperature

- -55°C to +200°C

Conductor Color Coding

- Chart G

Materials

- Stranded silver-plated copper conductors
- TFE insulation
- Silver-plated copper braid shield, 90% coverage
- White PTFE-impregnated fiberglass jacket

Availability

100 ft (30.5 m)

1000 ft (305 m)

Spools may contain multiple lengths

24 AWG (0.24 mm²)

Stranding: 19/36 (19 x 0.13 mm)
Insulation thickness: 0.010 (0.25 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
2811	1	0.100	2.54	0.014	0.36
2811/2	2	0.145	3.68	0.014	0.36
2811/3	3	0.152	3.86	0.014	0.36
2811/4	4	0.164	4.17	0.014	0.36
2811/5	5	0.177	4.50	0.014	0.36
2811/7	7	0.191	4.85	0.014	0.36

22 AWG (0.38 mm²)

Stranding: 19/34 (19 x 0.16 mm)
Insulation thickness: 0.009 (0.23 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
2814/2	2	0.155	3.94	0.014	0.36
2814/4	4	0.176	4.47	0.014	0.36
2814/6	6	0.206	5.23	0.014	0.36

20 AWG (0.62 mm²)

Stranding: 19/32 (19 x 0.20 mm)
Insulation thickness: 0.009 (0.23 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
2817/2	2	0.171	4.34	0.014	0.36
2817/3	3	0.180	4.57	0.014	0.36
2817/4	4	0.195	4.95	0.014	0.36
2817/5	5	0.212	5.38	0.014	0.36
2817/6	6	0.230	5.84	0.014	0.36

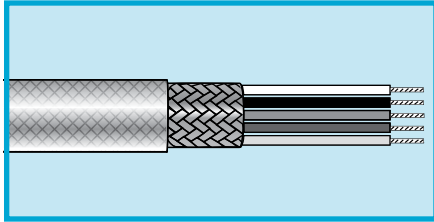
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High/Low-Temperature Cable

600 V Braid Shield, Multiconductor, TFE, Fiberglass

Alpha
Essentials



MIL-DTL-16878/4 (Type E) NEMA HP3

Operating Temperature

- -55°C to +200°C

Conductor Color Coding

- Chart G

Materials

- Stranded silver-plated copper conductors
- TFE insulation
- Silver-plated copper braid shield, 90% coverage
- White PTFE-impregnated fiberglass jacket

Availability

100 ft (30.5 m)

1000 ft (305 m)

Spools may contain multiple lengths

18 AWG (0.96 mm²)

Stranding: 19/30 (19 x 0.25 mm)
Insulation thickness: 0.010 (0.25 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
2819	1	0.125	3.18	0.014	0.36
2819/2	2	0.195	4.95	0.014	0.36
2819/3	3	0.206	5.23	0.014	0.36
2819/4	4	0.224	5.69	0.014	0.36
2819/5	5	0.245	6.22	0.014	0.36

16 AWG (1.32 mm²)

Stranding: 19/29 (19 x 0.29 mm)
Insulation thickness: 0.012 (0.30 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
2820	1	0.135	3.43	0.014	0.36
2820/2	2	0.215	5.46	0.014	0.36
2820/3	3	0.228	5.79	0.014	0.36
2820/4	4	0.249	6.32	0.014	0.36

14 AWG (1.23 mm²)

Stranding: 19/27 (19 x 0.36 mm)
Insulation thickness: 0.012 (0.30 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
2804/2	1	0.245	6.22	0.014	0.36
2804/3	2	0.260	6.60	0.014	0.36

12 AWG (3.08 mm²)

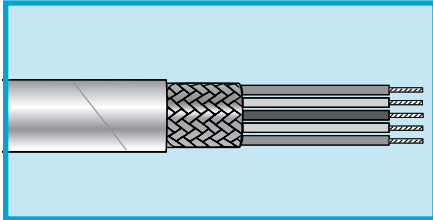
Stranding: 19/25 (19 x 0.46 mm)
Insulation thickness: 0.012 (0.30 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
2803/2	2	0.283	7.19	0.014	0.36

High/Low-Temperature Cable

600 V Braid Shield, Multiconductor, PTFE, PTFE Tape

Alpha
Essentials



MIL-DTL-16878/4 (Type E) NEMA HP3-EXBEE

Operating Temperature

- -55°C to +200°C

Conductor Color Coding

- Chart G

Materials

- Stranded silver-plated copper conductors
- PTFE insulation
- Silver-plated copper braid shield, 90% coverage
- White PTFE tape jacket

Availability

100 ft (30.5 m)

1000 ft (305 m)

Spools may contain multiple lengths

24 AWG (0.24 mm²)

Stranding: 19/36 (19 x 0.13 mm)
Insulation thickness: 0.010 (0.25 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
2821	1	0.087	2.21	0.010	0.25
2821/2	2	0.136	3.45	0.012	0.30
2821/3	3	0.143	3.63	0.012	0.30
2821/4	4	0.155	3.94	0.012	0.30
2821/5	5	0.168	4.27	0.012	0.30
2821/6	6	0.182	4.62	0.012	0.30

22 AWG (0.38 mm²)

Stranding: 19/34 (19 x 0.16 mm)
Insulation thickness: 0.009 (0.23 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
2824	1	0.092	2.34	0.010	0.25
2824/2	2	0.146	3.71	0.012	0.30
2824/3	3	0.154	3.91	0.012	0.30
2824/4	4	0.167	4.24	0.012	0.30
2824/5	5	0.182	4.62	0.012	0.30
2824/6	6	0.193	4.90	0.012	0.30

20 AWG (0.62 mm²)

Stranding: 19/32 (19 x 0.20 mm)
Insulation thickness: 0.009 (0.23 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
2827	1	0.100	2.54	0.010	0.25
2827/2	2	0.158	4.01	0.012	0.30
2827/3	3	0.171	4.34	0.012	0.30
2827/4	4	0.186	4.72	0.012	0.30
2827/5	5	0.203	5.16	0.012	0.30
2827/6	6	0.221	5.61	0.012	0.30

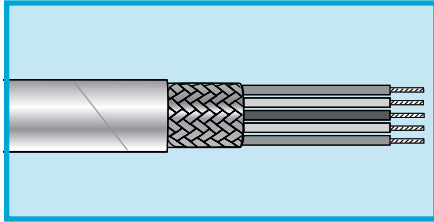
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High/Low-Temperature Cable

600 V Braid Shield, Multiconductor, PTFE, PTFE Tape

Alpha
Essentials



MIL-DTL-16878/4 (Type E) NEMA HP3-EXBEE

Operating Temperature

- -55°C to +200°C

Conductor Color Coding

- Chart G

Materials

- Stranded silver-plated copper conductors
- PTFE insulation
- Silver-plated copper braid shield, 90% coverage
- White PTFE tape jacket

Availability

100 ft (30.5 m)

1000 ft (305 m)

Spools may contain multiple lengths

18 AWG (0.96 mm²)

Stranding: 19/30 (19 x 0.25 mm)
Insulation thickness: 0.010 (0.25 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
2829/2	2	0.186	4.72	0.012	0.30
2829/3	3	0.197	5.00	0.012	0.30
2829/4	4	0.215	5.46	0.012	0.30

16 AWG (1.23 mm²)

Stranding: 19/29 (19 x 0.29 mm)
Insulation thickness: 0.012 (0.30 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
2826	1	0.122	3.10	0.010	0.25
2826/2	2	0.206	5.23	0.012	0.30
2826/3	3	0.219	5.56	0.012	0.30
2826/4	4	0.240	6.10	0.012	0.30

Multipair Cables

Chart A							
Pair No.	Color Combination	Pair No.	Color Combination	Pair No.	Color Combination	Pair No.	Color Combination
1	Black +Red	14	Green + Blue	27	Brown + Yellow	40	Slate + Blue
2	Black + White	15	Green + White	28	Violet + Red	41	Slate + Brown
3	Black + Green	16	Green + Brown	29	Violet + White	42	Slate + Yellow
4	Black + Blue	17	Green + Orange	30	Violet + Green	43	Slate + Orange
5	Black + Brown	18	Green + Yellow	31	Violet + Blue	44	Slate + Black
6	Black + Yellow	19	White + Blue	32	Violet + Brown	45	White/Black + Red
7	Black + Orange	20	White + Brown	33	Violet + Yellow	46	White/Black + Green
8	Red + Green	21	White + Orange	34	Violet + Orange	47	White/Black + Blue
9	Red + White	22	White + Yellow	35	Violet + Slate	48	White/Black + Brown
10	Red + Blue	23	Blue + Brown	36	Violet + Black	49	White/Black + Yellow
11	Red + Yellow	24	Blue + Orange	37	Slate + Red	50	White/Black + Orange
12	Red + Brown	25	Blue + Yellow	38	Slate + White	51	White/Black + Violet
13	Red + Orange	26	Brown + Orange	39	Slate + Green		

Chart A1							
Pair No.	Color Combination	Pair No.	Color Combination	Pair No.	Color Combination	Pair No.	Color Combination
1	Black +Red	14	Green + White	27	Brown + Orange	40	Slate + Blue
2	Black + White	15	Green + Blue	28	Violet + Red	41	Slate + Brown
3	Black + Green	16	Green + Yellow	29	Violet + White	42	Slate + Yellow
4	Black + Blue	17	Green + Brown	30	Violet + Green	43	Slate + Orange
5	Black + Yellow	18	Green + Orange	31	Violet + Blue	44	Slate + Black
6	Black + Brown	19	White + Blue	32	Violet + Brown	45	White/Black + Red
7	Black + Orange	20	White + Yellow	33	Violet + Yellow	46	White/Black + Green
8	Red + White	21	White + Brown	34	Violet + Orange	47	White/Black + Blue
9	Red + Green	22	White + Orange	35	Violet + Slate	48	White/Black + Brown
10	Red + Blue	23	Blue + Yellow	36	Violet + Black	49	White/Black + Yellow
11	Red + Yellow	24	Blue + Brown	37	Slate + Red	50	White/Black + Orange
12	Red + Brown	25	Blue + Orange	38	Slate + White	51	White/Black + Violet
13	Red + Orange	26	Brown + Yellow	39	Slate + Green		

Chart B							
Pair No.	Color Combination	Pair No.	Color Combination	Pair No.	Color Combination		
1	White +Black	35	Orange +Slate	69	White/Red +Green		
2	White +Brown	36	Yellow +Green	70	White/Red +Blue		
3	White +Red	37	Yellow +Blue	71	White/Red +Violet		
4	White +Orange	38	Yellow +Violet	72	White/Red +Slate		
5	White +Yellow	39	Yellow +Slate	73	White/Orange +Black		
6	White +Green	40	Green +Blue	74	White/Orange +Brown		
7	White +Blue	41	Green +Violet	75	White/Orange +Red		
8	White +Violet	42	Green +Slate	76	White/Orange +Orange		
9	White +Slate	43	Blue +Violet	77	White/Orange +Yellow		
10	Black +Brown	44	Blue +Slate	78	White/Orange +Green		
11	Black +Red	45	Violet +Slate	79	White/Orange +Blue		
12	Black +Orange	46	White/Black +Black	80	White/Orange +Violet		
13	Black +Yellow	47	White/Black +Brown	81	White/Orange +Slate		
14	Black +Green	48	White/Black +Red	82	White/Yellow +Black		
15	Black +Blue	49	White/Black +Orange	83	White/Yellow +Brown		
16	Black +Violet	50	White/Black +Yellow	84	White/Yellow +Red		
17	Black +Slate	51	White/Black +Green	85	White/Yellow +Orange		
18	Brown +Red	52	White/Black +Blue	86	White/Yellow +Yellow		
19	Brown +Orange	53	White/Black +Violet	87	White/Yellow +Green		
20	Brown +Yellow	54	White/Black +Slate	88	White/Yellow +Blue		
21	Brown +Green	55	White/Brown +Black	89	White/Yellow +Violet		
22	Brown +Blue	56	White/Brown +Brown	90	White/Yellow +Slate		
23	Brown +Violet	57	White/Brown +Red	91	White/Green +Black		
24	Brown +Slate	58	White/Brown +Orange	92	White/Green +Brown		
25	Red +Orange	59	White/Brown +Yellow	93	White/Green +Red		
26	Red +Yellow	60	White/Brown +Green	94	White/Green +Orange		
27	Red +Green	61	White/Brown +Blue	95	White/Green +Yellow		
28	Red +Blue	62	White/Brown +Violet	96	White/Green +Green		
29	Red +Violet	63	White/Brown +Slate	97	White/Green +Blue		
30	Red +Slate	64	White/Red +Black	98	White/Green +Violet		
31	Orange +Yellow	65	White/Red +Brown	99	White/Green +Slate		
32	Orange +Green	66	White/Red +Red	100	White/Blue +Black		
33	Orange +Blue	67	White/Red +Orange	101	White/Blue +Brown		
34	Orange +Violet	68	White/Red +Yellow	102	White/Blue +Red		

Multipair Cables

Chart BR							
Pair No.	Color Combination	Pair No.	Color Combination	Pair No.	Color Combination	Pair No.	Color Combination
1	Black #1 + Red #1	14	Black #14 + Red #14	27	Black #27 + Red #27	40	Black #40 + Red #40
2	Black #2 + Red #2	15	Black #15 + Red #15	28	Black #28 + Red #28	41	Black #41 + Red #41
3	Black #3 + Red #3	16	Black #16 + Red #16	29	Black #29 + Red #29	42	Black #42 + Red #42
4	Black #4 + Red #4	17	Black #17 + Red #17	30	Black #30 + Red #30	43	Black #43 + Red #43
5	Black #5 + Red #5	18	Black #18 + Red #18	31	Black #31 + Red #31	44	Black #44 + Red #44
6	Black #6 + Red #6	19	Black #19 + Red #19	32	Black #32 + Red #32	45	Black #45 + Red #45
7	Black #7 + Red #7	20	Black #20 + Red #20	33	Black #33 + Red #33	46	Black #46 + Red #46
8	Black #8 + Red #8	21	Black #21 + Red #21	34	Black #34 + Red #34	47	Black #47 + Red #47
9	Black #9 + Red #9	22	Black #22 + Red #22	35	Black #35 + Red #35	48	Black #48 + Red #48
10	Black #10 + Red #10	23	Black #23 + Red #23	36	Black #36 + Red #36	49	Black #49 + Red #49
11	Black #11 + Red #11	24	Black #24 + Red #24	37	Black #37 + Red #37	50	Black #50 + Red #50
12	Black #12 + Red #12	25	Black #25 + Red #25	38	Black #38 + Red #38	51	Black #51 + Red #51
13	Black #13 + Red #13	26	Black #26 + Red #26	39	Black #39 + Red #39		

Chart BW							
Pair No.	Color Combination	Pair No.	Color Combination	Pair No.	Color Combination	Pair No.	Color Combination
1	Black + White #1	14	Black + White #14	27	Black + White #27	40	Black + White #40
2	Black + White #2	15	Black + White #15	28	Black + White #28	41	Black + White #41
3	Black + White #3	16	Black + White #16	29	Black + White #29	42	Black + White #42
4	Black + White #4	17	Black + White #17	30	Black + White #30	43	Black + White #43
5	Black + White #5	18	Black + White #18	31	Black + White #31	44	Black + White #44
6	Black + White #6	19	Black + White #19	32	Black + White #32	45	Black + White #45
7	Black + White #7	20	Black + White #20	33	Black + White #33	46	Black + White #46
8	Black + White #8	21	Black + White #21	34	Black + White #34	47	Black + White #47
9	Black + White #9	22	Black + White #22	35	Black + White #35	48	Black + White #48
10	Black + White #10	23	Black + White #23	36	Black + White #36	49	Black + White #49
11	Black + White #11	24	Black + White #24	37	Black + White #37	50	Black + White #50
12	Black + White #12	25	Black + White #25	38	Black + White #38		
13	Black + White #13	26	Black + White #26	39	Black + White #39		

Chart C							
Pair No.	Color Combination	Pair No.	Color Combination	Pair No.	Color Combination	Pair No.	Color Combination
1	Blue + White	14	Orange/Slate + White	27	Blue/Orange + Red	40	Slate/White + Red
2	Orange + White	15	Green/White + White	28	Blue/Green + Red	41	Blue + Black
3	Green + White	16	Green/Brown + White	29	Blue/Brown + Red	42	Orange + Black
4	Brown + White	17	Green/Slate + White	30	Blue/Slate + Red	43	Green + Black
5	Slate + White	18	Brown/White + White	31	Orange/White + Red	44	Brown + Black
6	Blue/White + White	19	Brown/Slate + White	32	Orange/Green + Red	45	Slate + Black
7	Blue/Orange + White	20	Slate/White + White	33	Orange/Brown + Red	46	Blue/White + Black
8	Blue/Green + White	21	Blue + Red	34	Orange/Slate + Red	47	Blue/Orange + Black
9	Blue/Brown + White	22	Orange + Red	35	Green/White + Red	48	Blue/Green + Black
10	Blue/Slate + White	23	Green + Red	36	Green/Brown + Red	49	Blue/Brown + Black
11	Orange/White + White	24	Brown + Red	37	Green/Slate + Red	50	Blue/Slate + Black
12	Orange/Green + White	25	Slate + Red	38	Brown/White + Red	51	Orange/White + Black
13	Orange/Brown + White	26	Blue/White + Red	39	Brown/Slate + Red		

Chart K					
Pair No.	Color Combination	Pair No.	Color Combination	Pair No.	Color Combination
1	Black + Red	14	Green + White	27	Brown + Orange
2	Black + White	15	Green + Blue	28	Orange + Yellow
3	Black + Green	16	Green + Yellow	29	Violet + Orange
4	Black + Blue	17	Green + Brown	30	Violet + Red
5	Black + Yellow	18	Green + Orange	31	Violet + White
6	Black + Brown	19	White + Blue	32	Violet + Green
7	Black + Orange	20	White + Yellow	33	Violet + Blue
8	Red + White	21	White + Brown	34	Violet + Yellow
9	Red + Green	22	White + Orange	35	Violet + Brown
10	Red + Blue	23	Blue + Yellow	36	Violet + Black
11	Red + Yellow	24	Blue + Brown	37	Slate + White
12	Red + Brown	25	Blue + Orange		
13	Red + Orange	26	Brown + Yellow		

Multipair Cables

Chart L					
Pair No.	Color Combination			Pair No.	Color Combination
1	White + Blue	10	Red + Slate	19	Yellow + Brown
2	White + Orange	11	Black + Blue	20	Yellow + Slate
3	White + Green	12	Black + Orange	21	Violet + Blue
4	White + Brown	13	Black + Green	22	Violet + Orange
5	White + Slate	14	Black + Brown	23	Violet + Green
6	Red + Blue	15	Black + Slate	24	Violet + Brown
7	Red + Orange	16	Yellow + Blue	25	Violet + Slate
8	Red + Green	17	Yellow + Orange		
9	Red + Brown	18	Yellow + Green		

Chart M					
Pair No.	Color Combination	Pair No.	Color Combination	Pair No.	Color Combination
1	Blue/White + White/Blue	10	Slate/Red + Red/Slate	19	Brown/Yellow + Yellow/Brown
2	Orange/White + White/Orange	11	Blue/Black + Black/Blue	20	Slate/Yellow + Yellow/Slate
3	Green/White + White/Green	12	Orange/Black + Black/Orange	21	Blue/Violet + Violet/Blue
4	Brown/White + White/Brown	13	Green/Black + Black/Green	22	Orange/Violet + Violet/Orange
5	Slate/White + White/Slate	14	Brown/Black + Black/Brown	23	Green/Violet + Violet/Green
6	Blue/Red + Red/Blue	15	Slate/Black + Black/Slate	24	Brown/Violet + Violet/Brown
7	Orange/Red + Red/Orange	16	Blue/Yellow + Yellow/Blue	25	Slate/Violet + Violet/Slate
8	Green/Red + Red/Green	17	Orange/Yellow + Yellow/Orange		
9	Brown/Red + Red/Brown	18	Green/Yellow + Yellow/Green		

Chart N	
Pair No.	Color Combination
1	Black + Yellow
2	Red + Violet
3	Blue + Brown
4	Orange + Green
5	Black/White + White/Black
6	Brown/White + White/Brown
7	Red/White + White/Red
8	Orange/White + White/Orange
9	Yellow/White + White/Yellow
10	Green/White + White/Green
11	Blue/White + White/Blue
12	Violet/White + White/Violet

Chart Q	
Pair No.	Color Combination
1	Black + White
2	Red + Green
3	Brown + Blue
4	Orange + Yellow
5	Violet + Slate
6	Tan + Pink
7	White/Blue + Blue/White
8	White/Brown + Brown/White
9	White/Orange + Orange/White
10	White/Green + Green/White
11	White/Red + Red/White
12	White/Black + Black/White
13	Yellow/Blue + Blue/Yellow
14	Yellow/Brown + Brown/Yellow
15	Yellow/Orange + Orange/Yellow
16	Yellow/Red + Red/Yellow
17	Yellow/Black + Black/Yellow
18	Yellow/Violet + Violet/Yellow

Multiconductor Cables

Chart D													
No.	Base Color	1st Stripe	2nd Stripe	3rd Stripe					No.	Base Color	1st Stripe	2nd Stripe	3rd Stripe
1	Black				35	White	Red	Red	69	White	Black	Green	Blue
2	Red				36	White	Red	Green	70	White	Black	Green	Brown
3	White				37	White	Red	Blue	71	White	Black	Green	Orange
4	Green				38	White	Red	Brown	72	White	Black	Green	Slate
5	Orange				39	White	Red	Violet	73	White	Black	Green	Violet
6	Blue				40	White	Green	Black	74	White	Black	Yellow	Blue
7	Brown				41	White	Green	Red	75	White	Black	Yellow	Brown
8	Yellow				42	White	Green	Green	76	White	Black	Yellow	Orange
9	Violet				43	White	Green	Blue	77	White	Black	Yellow	Slate
10	Slate				44	White	Green	Brown	78	White	Black	Yellow	Violet
11	Pink				45	White	Green	Violet	79	White	Black	Blue	Brown
12	Tan				46	White	Blue	Black	80	White	Black	Blue	Orange
13	Red	Green			47	White	Blue	Red	81	White	Black	Blue	Slate
14	Red	Yellow			48	White	Blue	Green	82	White	Black	Blue	Violet
15	Red	Black			49	White	Blue	Blue	83	White	Black	Brown	Orange
16	White	Black			50	White	Blue	Brown	84	White	Black	Brown	Slate
17	White	Red			51	White	Blue	Violet	85	White	Black	Brown	Violet
18	White	Green			52	White	Brown	Black	86	White	Black	Orange	Slate
19	White	Yellow			53	White	Brown	Red	87	White	Black	Orange	Violet
20	White	Blue			54	White	Brown	Green	88	White	Black	Slate	Violet
21	White	Brown			55	White	Brown	Blue	89	White	Red	Black	Green
22	White	Orange			56	White	Brown	Brown	90	White	Red	Black	Yellow
23	White	Slate			57	White	Brown	Violet	91	White	Red	Black	Blue
24	White	Violet			58	White	Violet	Red	92	White	Red	Black	Brown
25	White	Black	Red		59	White	Violet	Green	93	White	Red	Black	Orange
26	White	Black	Green		60	White	Violet	Blue	94	White	Red	Black	Slate
27	White	Black	Yellow		61	White	Black	Red	95	White	Red	Black	Violet
28	White	Black	Blue		62	White	Black	Red	96	White	Red	Green	Yellow
29	White	Black	Brown		63	White	Black	Red	97	White	Red	Green	Blue
30	White	Black	Orange		64	White	Black	Red	98	White	Red	Green	Brown
31	White	Black	Slate		65	White	Black	Red	99	White	Red	Green	Orange
32	White	Black	Violet		66	White	Black	Red	100	White	Red	Green	Slate
33	White	Black	Black		67	White	Black	Red					
34	White	Red	Black		68	White	Black	Green					

Chart D1	
No.	Color
1	Black
2	Red
3	White
4	Green
5	Yellow
6	Blue

Chart CE	
No.	Color
1	Green/Yellow
2	Lt. Blue
3	Black
4	Brown

Chart D2			
No.	Base Color	Stripe	
1	Black		
2	White		
3	Red		
4	Green		
5	Brown		
6	Blue		
7	Orange		
8	Yellow		
9	Violet		
10	Slate		
11	Pink		
12	Tan		
13	White	Blue	
14	White	Orange	
15	White	Green	
16	White	Brown	
17	White	Slate	
18	Red	Blue	
19	Red	Orange	
20	Red	Green	
21	Red	Brown	
22	Red	Slate	
23	Green	Blue	
24	Green	Orange	
25	Green	Brown	

Multiconductor Cables

Chart E														
No.	Base Color	1st Stripe	2nd Stripe	3rd Stripe	No.	Base Color	1st Stripe	2nd Stripe	3rd Stripe	No.	Base Color	1st Stripe	2nd Stripe	3rd Stripe
1	Black				35	White	Red	Orange		69	White	Black	Orange	Green
2	Brown				36	White	Red	Yellow		70	White	Black	Orange	Blue
3	Red				37	White	Red	Green		71	White	Black	Orange	Violet
4	Orange				38	White	Red	Blue		72	White	Black	Orange	Slate
5	Yellow				39	White	Red	Violet		73	White	Black	Yellow	Green
6	Green				40	White	Red	Slate		74	White	Black	Yellow	Blue
7	Blue				41	White	Orange	Yellow		75	White	Black	Yellow	Violet
8	Violet				42	White	Orange	Green		76	White	Black	Yellow	Slate
9	Slate				43	White	Orange	Blue		77	White	Black	Green	Blue
10	White				44	White	Orange	Violet		78	White	Black	Green	Violet
11	White	Black			45	White	Orange	Slate		79	White	Black	Green	Slate
12	White	Brown			46	White	Yellow	Green		80	White	Black	Blue	Violet
13	White	Red			47	White	Yellow	Blue		81	White	Black	Blue	Slate
14	White	Orange			48	White	Yellow	Violet		82	White	Black	Violet	Slate
15	White	Yellow			49	White	Yellow	Slate		83	White	Brown	Red	Orange
16	White	Green			50	White	Green	Blue		84	White	Brown	Red	Yellow
17	White	Blue			51	White	Green	Violet		85	White	Brown	Red	Green
18	White	Violet			52	White	Green	Slate		86	White	Brown	Red	Blue
19	White	Slate			53	White	Blue	Violet		87	White	Brown	Red	Violet
20	White	Black	Brown		54	White	Blue	Slate		88	White	Brown	Red	Slate
21	White	Black	Red		55	White	Violet	Slate		89	White	Brown	Orange	Yellow
22	White	Black	Orange		56	White	Black	Brown	Red	90	White	Brown	Orange	Green
23	White	Black	Yellow		57	White	Black	Brown	Orange	91	White	Brown	Orange	Blue
24	White	Black	Green		58	White	Black	Brown	Yellow	92	White	Brown	Orange	Violet
25	White	Black	Blue		59	White	Black	Brown	Green	93	White	Brown	Orange	Slate
26	White	Black	Violet		60	White	Black	Brown	Blue	94	White	Brown	Yellow	Green
27	White	Black	Slate		61	White	Black	Brown	Violet	95	White	Brown	Yellow	Blue
28	White	Brown	Red		62	White	Black	Brown	Slate	96	White	Brown	Yellow	Violet
29	White	Brown	Orange		63	White	Black	Red	Yellow	97	White	Brown	Yellow	Slate
30	White	Brown	Yellow		64	White	Black	Red	Green	98	White	Brown	Green	Blue
31	White	Brown	Green		65	White	Black	Red	Blue	99	White	Brown	Green	Violet
32	White	Brown	Blue		66	White	Black	Red	Violet	100	White	Brown	Green	Slate
33	White	Brown	Violet		67	White	Black	Red	Slate					
34	White	Brown	Slate		68	White	Black	Orange	Yellow					

Chart F																		
No.	Base Color	1st Stripe	2nd Stripe		No.	Base Color	1st Stripe	2nd Stripe		No.	Base Color	1st Stripe	2nd Stripe		No.	Base Color	1st Stripe	2nd Stripe
1	Black				21	Orange	Green			41	Green	White	Blue					
2	White				22	Black	White	Red		42	Orange	Red	Green					
3	Red				23	White	Black	Red		43	Blue	Red	Green					
4	Green				24	Red	Black	White		44	Black	White	Blue					
5	Orange				25	Green	Black	White		45	White	Black	Blue					
6	Blue				26	Orange	Black	White		46	Red	White	Blue					
7	White	Black			27	Blue	Black	White		47	Green	Orange	Red					
8	Red	Black			28	Black	Red	Green		48	Orange	Red	Blue					
9	Green	Black			29	White	Red	Green		49	Blue	Red	Orange					
10	Orange	Black			30	Red	Black	Green		50	Black	Orange	Red					
11	Blue	Black			31	Green	Black	Orange		51	White	Black	Orange					
12	Black	White			32	Orange	Black	Green		52	Red	Orange	Black					
13	Red	White			33	Blue	White	Orange		53	Green	Red	Blue					
14	Green	White			34	Black	White	Orange		54	Orange	Black	Blue					
15	Blue	White			35	White	Red	Orange		55	Blue	Black	Orange					
16	Black	Red			36	Orange	White	Blue		56	Black	Orange	Green					
17	White	Red			37	White	Red	Blue		57	White	Orange	Green					
18	Orange	Red			38	Black	White	Green		58	Red	Orange	Green					
19	Blue	Red			39	White	Black	Green		59	Green	Black	Blue					
20	Red	Green			40	Red	White	Green		60	Orange	Green	Blue					

Chart G														
No.	Base Color	Stripe	No.	Base Color	Stripe	No.	Base Color	Stripe	No.	Base Color	Stripe	No.	Base Color	Stripe
1	White		6	Blue		11	White	Black	16	White	Black	21	White	Black
2	Black		7	Brown		12	White	Brown	22	White	Black	27	White	Black
3	Red		8	Orange		13	White	Red	28	White	Black	33	White	Black
4	Green		9	Slate		14	White	Orange	34	White	Black	39	White	Black
5	Yellow		10	Violet		15	White	Yellow	40	White	Black	45	White	Black

Conductor Color Coding

Multiconductor Cables

Chart H								
No.	Base Color	Stripe	No.	Base Color	Stripe	No.	Base Color	Stripe
1	Black		8	Orange		15	White	Blue
2	White		9	Slate		16	White	Brown
3	Red		10	Violet		17	White	Violet
4	Green		11	White	Black	18	White	Slate
5	Yellow		12	White	Red	19	Black	Red
6	Blue		13	White	Green	20	Black	Yellow
7	Brown		14	White	Yellow			

Chart I		
No.	Color	
1	Green	
2	White	
3	Brown	
4	Blue	
5	Orange	
6	Yellow	

Chart I2		
No.	Color	Stripe
1	Brown	
2	Blue	
3	Green	Yellow

Chart J					
No.	Base Color	Stripe	No.	Base Color	Stripe
1	Black		20	Yellow	Blue
2	Red		21	Brown	Blue
3	Blue		22	Black	Orange
4	Orange		23	Red	Orange
5	Yellow		24	Blue	Orange
6	Brown		25	Yellow	Orange
7	Red	Black	26	Brown	Orange
8	Blue	Black	27	Black	Yellow
9	Orange	Black	28	Red	Yellow
10	Yellow	Black	29	Blue	Yellow
11	Brown	Black	30	Orange	Yellow
12	Black	Red	31	Brown	Yellow
13	Blue	Red	32	Black	Brown
14	Orange	Red	33	Red	Brown
15	Yellow	Red	34	Blue	Brown
16	Brown	Red	35	Orange	Brown
17	Black	Blue	36	Yellow	Brown
18	Red	Blue	37	Black	
19	Orange	Blue			

Chart J1		
No.	Base Color	Stripe
1	Black #1	
2	Red #2	
3	Blue #3	
4	Orange #4	
5	Yellow #5	
6	Brown #6	
7	Red	Black #7
8	Blue	Black #8
9	Orange	Black #9
10	Yellow	Black #10
11	Brown	Black #11
12	Black	Red #12

Chart KW			
No.	Color	No.	Color
1	Green/Yellow	34	Black #33
2	Black #1	35	Black #34
3	White/Black*	36	Black #35
4	Black #3	37	Black #36
5	Black #4	38	Black #37
6	Black #5	39	Black #38
7	Black #6	40	Black #39
8	Black #7	41	Black #40
9	Black #8	42	Black #41
10	Black #9	43	Black #42
11	Black #10	44	Black #43
12	Black #11	45	Black #44
13	Black #12	46	Black #45
14	Black #13	47	Black #46
15	Black #14	48	Black #47
16	Black #15	49	Black #48
17	Black #16	50	Black #49
18	Black #17	51	Black #50
19	Black #18	52	Black #51
20	Black #19	53	Black #52
21	Black #20	54	Black #53
22	Black #21	55	Black #54
23	Black #22	56	Black #55
24	Black #23	57	Black #56
25	Black #24	58	Black #57
26	Black #25	59	Black #58
27	Black #26	60	Black #59
28	Black #27	61	Black #60
29	Black #28	62	Black #61
30	Black #29	63	Black #62
31	Black #30	64	Black #63
32	Black #31	65	Black #64
33	Black #32		

*The white/black neutral conductor is used only on 18 and 16 AWG cables with conductor counts of 12 or greater.

Multiconductor Cables

Chart KX					
No.	Color		No.	Color	
1	Green/Yellow	23	Black #22	45	Black #44
2	Black #1	24	Black #23	46	Black #45
3	Black #2	25	Black #24	47	Black #46
4	Black #3	26	Black #25	48	Black #47
5	Black #4	27	Black #26	49	Black #48
6	Black #5	28	Black #27	50	Black #49
7	Black #6	29	Black #28	51	Black #50
8	Black #7	30	Black #29	52	Black #51
9	Black #8	31	Black #30	53	Black #52
10	Black #9	32	Black #31	54	Black #53
11	Black #10	33	Black #32	55	Black #54
12	Black #11	34	Black #33	56	Black #55
13	Black #12	35	Black #34	57	Black #56
14	Black #13	36	Black #35	58	Black #57
15	Black #14	37	Black #36	59	Black #58
16	Black #15	38	Black #37	60	Black #59
17	Black #16	39	Black #38	61	Black #60
18	Black #17	40	Black #39	62	Black #61
19	Black #18	41	Black #40	63	Black #62
20	Black #19	42	Black #41	64	Black #63
21	Black #20	43	Black #42	65	Black #64
22	Black #21	44	Black #43		

Chart LW					
No.	Color	No.	Color	No.	Color
1	Green/Yellow	23	Dk. Blue #22	45	Dk. Blue #44
2	Dk. Blue #1	24	Dk. Blue #23	46	Dk. Blue #45
3	White/Blue*	25	Dk. Blue #24	47	Dk. Blue #46
4	Dk. Blue #3	26	Dk. Blue #25	48	Dk. Blue #47
5	Dk. Blue #4	27	Dk. Blue #26	49	Dk. Blue #48
6	Dk. Blue #5	28	Dk. Blue #27	50	Dk. Blue #49
7	Dk. Blue #6	29	Dk. Blue #28	51	Dk. Blue #50
8	Dk. Blue #7	30	Dk. Blue #29	52	Dk. Blue #51
9	Dk. Blue #8	31	Dk. Blue #30	53	Dk. Blue #52
10	Dk. Blue #9	32	Dk. Blue #31	54	Dk. Blue #53
11	Dk. Blue #10	33	Dk. Blue #32	55	Dk. Blue #54
12	Dk. Blue #11	34	Dk. Blue #33	56	Dk. Blue #55
13	Dk. Blue #12	35	Dk. Blue #34	57	Dk. Blue #56
14	Dk. Blue #13	36	Dk. Blue #35	58	Dk. Blue #57
15	Dk. Blue #14	37	Dk. Blue #36	59	Dk. Blue #58
16	Dk. Blue #15	38	Dk. Blue #37	60	Dk. Blue #59
17	Dk. Blue #16	39	Dk. Blue #38	61	Dk. Blue #60
18	Dk. Blue #17	40	Dk. Blue #39	62	Dk. Blue #61
19	Dk. Blue #18	41	Dk. Blue #40	63	Dk. Blue #62
20	Dk. Blue #19	42	Dk. Blue #41	64	Dk. Blue #63
21	Dk. Blue #20	43	Dk. Blue #42	65	Dk. Blue #64
22	Dk. Blue #21	44	Dk. Blue #43		

*The white/blue neutral conductor is used only on 18 and 16 AWG cables with conductor counts of 12 or greater.

Chart LX		Chart O			
No.	Color	No.	Color	No.	Color
1	Green/Yellow	1	Black	9	Violet
2	Dk. Blue #1	2	White	10	Slate
3	Dk. Blue #2	3	Red	11	Pink
4	Dk. Blue #3	4	Green	12	Tan
5	Dk. Blue #4	5	Brown	13	Black/White
6	Dk. Blue #5	6	Blue	14	Red/White
7	Dk. Blue #6	7	Orange	15	Green/White
8	Dk. Blue #7	8	Yellow		
9	Dk. Blue #8				
10	Dk. Blue #9				
11	Dk. Blue #10				

Conductor Color Coding

Chart P		Chart R				
No.	Color	No.	Base Color	1st Stripe	2nd Stripe	
1	White	1	Black			16 White Black
2	Black	2	Red			17 White Red
3	Red	3	Green			18 White Green
4	Green	4	White			19 White Yellow
5	Blue	5	Brown			20 White Blue
6	Brown	6	Blue			21 White Brown
7	Yellow	7	Orange			22 White Orange
8	Orange	8	Yellow			23 White Slate
		9	Violet			24 White Violet
		10	Slate			25 White Black Red
		11	Pink			26 White Black Green
		12	Tan			27 White Black Yellow
		13	Red	Green		28 White Black Blue
		14	Red	Yellow		29 White Black Brown
		15	Red	Black		30 White Black Orange

Chart RW					
No.	Color	No.	Color	No.	Color
1	Green/Yellow	23	Red #22	45	Red #44
2	Red #1	24	Red #23	46	Red #45
3	White/Red*	25	Red #24	47	Red #46
4	Red #3	26	Red #25	48	Red #47
5	Red #4	27	Red #26	49	Red #48
6	Red #5	28	Red #27	50	Red #49
7	Red #6	29	Red #28	51	Red #50
8	Red #7	30	Red #29	52	Red #51
9	Red #8	31	Red #30	53	Red #52
10	Red #9	32	Red #31	54	Red #53
11	Red #10	33	Red #32	55	Red #54
12	Red #11	34	Red #33	56	Red #55
13	Red #12	35	Red #34	57	Red #56
14	Red #13	36	Red #35	58	Red #57
15	Red #14	37	Red #36	59	Red #58
16	Red #15	38	Red #37	60	Red #59
17	Red #16	39	Red #38	61	Red #60
18	Red #17	40	Red #39	62	Red #61
19	Red #18	41	Red #40	63	Red #62
20	Red #19	42	Red #41	64	Red #63
21	Red #20	43	Red #42	65	Red #64
22	Red #21	44	Red #43		

*The white/red neutral conductor is used only on 18 and 16 AWG cables with conductor counts of 12 or greater.

Chart RX	
No.	Color
1	Green/Yellow
2	Red #1
3	Red #2
4	Red #3
5	Red #4
6	Red #5
7	Red #6
8	Red #7
9	Red #8
10	Red #9
11	Red #10
12	Red #11