

COLORS OF INSULATION ON CONDUCTORS

In all types of Western Electric switchboard cable, the outer insulation on each of the conductors is colored in accordance with a definite color scheme so that they may be easily identified. In our tabulation of switchboard cable on preceding pages under the heading of "Color," the various color combinations of the conductors are identified by the numbers shown, which refer to the following lists:

| | | | PAIRS | | |
|-------------------------|----------------------|-------------------|-------------------------|----------------------|-------------------------|
| Com- bination No. | Colors of Insulation | | Com- bination No. | Colors of Insulation | |
| 1 | Blue | Paired with white | 48 | Blue-green | Paired with black |
| 2 | Orange | Paired with white | 49 | Blue-brown | Paired with black |
| 3 | Green | Paired with white | 50 | Blue-slate | Paired with black |
| 4 | Brown | Paired with white | 51 | Orange-white | Paired with black |
| 5 | Slate | Paired with white | 52 | Orange-green | Paired with black |
| 6 | Blue-white | Paired with white | 53 | Orange-brown | Paired with black |
| 7 | Blue-orange | Paired with white | 54 | Orange-slate | Paired with black |
| 8 | Blue-green | Paired with white | 55 | Green-white | Paired with black |
| 9 | Blue-brown | Paired with white | 56 | Green-brown | Paired with black |
| 10 | Blue-slate | Paired with white | 57 | Green-slate | Paired with black |
| 11 | Orange-white | Paired with white | 58 | Brown-white | Paired with black |
| 12 | Orange-green | Paired with white | 59 | Brown-slate | Paired with black |
| 13 | Orange-brown | Paired with white | 60 | Slate-white | Paired with black |
| 14 | Orange-slate | Paired with white | 61 | Blue | Paired with red-white |
| 15 | Green-white | Paired with white | 62 | Orange | Paired with red-white |
| 16 | Green-brown | Paired with white | 63 | Green | Paired with red-white |
| 17 | Green-slate | Paired with white | 64 | Brown | Paired with red-white |
| 18 | Brown-white | Paired with white | 65 | Slate | Paired with red-white |
| 19 | Brown-slate | Paired with white | 66 | Blue-white | Paired with red-white |
| 20 | Slate-white | Paired with white | 67 | Blue-orange | Paired with red-white |
| 21 | Blue | Paired with red | 68 | Blue-green | Paired with red-white |
| 22 | Orange | Paired with red | 69 | Blue-brown | Paired with red-white |
| 23 | Green | Paired with red | 70 | Blue-slate | Paired with red-white |
| 24 | Brown | Paired with red | 71 | Orange-white | Paired with red-white |
| 25 | Slate | Paired with red | 72 | Orange-green | Paired with red-white |
| 26 | Blue-white | Paired with red | 73 | Orange-brown | Paired with red-white |
| 27 | Blue-orange | Paired with red | 74 | Orange-slate | Paired with red-white |
| 28 | Blue-green | Paired with red | 75 | Green-white | Paired with red-white |
| 29 | Blue-brown | Paired with red | 76 | Green-brown | Paired with red-white |
| 30 | Blue-slate | Paired with red | 77 | Green-slate | Paired with red-white |
| 31 | Orange-white | Paired with red | 78 | Brown-white | Paired with red-white |
| 32 | Orange-green | Paired with red | 79 | Brown-slate | Paired with red-white |
| 33 | Orange-brown | Paired with red | 80 | Slate-white | Paired with red-white |
| 34 | Orange-slate | Paired with red | 81 | Blue | Paired with black-white |
| 35 | Green-white | Paired with red | 82 | Orange | Paired with black-white |
| 36 | Green-brown | Paired with red | 83 | Green | Paired with black-white |
| 37 | Green-slate | Paired with red | 84 | Brown | Paired with black-white |
| 38 | Brown-white | Paired with red | 85 | Slate | Paired with black-white |
| 39 | Brown-slate | Paired with red | 86 | Blue-white | Paired with black-white |
| 40 | Slate-white | Paired with red | 87 | Blue-orange | Paired with black-white |
| 41 | Blue | Paired with black | 88 | Blue-green | Paired with black-white |
| 42 | Orange | Paired with black | 89 | Blue-brown | Paired with black-white |
| 43 | Green | Paired with black | 90 | Blue-slate | Paired with black-white |
| 44 | Brown | Paired with black | 91 | Orange-white | Paired with black-white |
| 45 | Slate | Paired with black | 92 | Orange-green | Paired with black-white |
| 46 | Blue-white | Paired with black | 93 | Orange-brown | Paired with black-white |
| 47 | Blue-orange | Paired with black | 94 | Orange-slate | Paired with black-white |

PAIRS

| Com- bination No. | Colors of Insulation | | Com- bination No. | Colors of Insulation | |
|-------------------------|----------------------|-------------------------|-------------------------|----------------------|---------------------------------------|
| 95 | Green-white | Paired with black-white | 149 | Red-blue-brown | Paired with red |
| 96 | Green-brown | Paired with black-white | 150 | Red-blue-slate | Paired with red |
| 97 | Green-slate | Paired with black-white | 151 | Red-orange-white | Paired with red |
| 98 | Brown-white | Paired with black-white | 152 | Red-orange-green | Paired with red |
| 99 | Brown-slate | Paired with black-white | 153 | Red-orange-brown | Paired with red |
| 100 | Slate-white | Paired with black-white | 154 | Red-orange-slate | Paired with red |
| 101 | Blue | Paired with red-black | 155 | Red-green-white | Paired with red |
| 102 | Orange | Paired with red-black | 156 | Red-green-brown | Paired with red |
| 103 | Green | Paired with red-black | 157 | Red-green-slate | Paired with red |
| 104 | Brown | Paired with red-black | 158 | Red-brown-white | Paired with red |
| 105 | Slate | Paired with red-black | 159 | Red-brown slate | Paired with red |
| 106 | Blue-white | Paired with red-black | 160 | Red-slate-white | Paired with red |
| 107 | Blue-orange | Paired with red-black | 161 | Black-blue | Paired with red |
| 108 | Blue-green | Paired with red-black | 162 | Black-orange | Paired with red |
| 109 | Blue-brown | Paired with red-black | 163 | Black-green | Paired with red |
| 110 | Blue-slate | Paired with red-black | 164 | Black-brown | Paired with red |
| 111 | Orange-white | Paired with red-black | 165 | Black-slate | Paired with red |
| 112 | Orange-green | Paired with red-black | 166 | Black-blue-white | Paired with red |
| 113 | Orange-brown | Paired with red-black | 167 | Black-blue-orange | Paired with red |
| 114 | Orange-slate | Paired with red-black | 168 | Black-blue-green | Paired with red |
| 115 | Green-white | Paired with red-black | 169 | Black-blue-brown | Paired with red |
| 116 | Green-brown | Paired with red-black | 170 | Black-blue-slate | Paired with red |
| 117 | Green-slate | Paired with red-black | 171 | Black-orange-white | Paired with red |
| 118 | Brown-white | Paired with red-black | 172 | Black-orange-green | Paired with red |
| 119 | Brown-slate | Paired with red-black | 173 | Black-orange-brown | Paired with red |
| 120 | Slate-white | Paired with red-black | 174 | Black-orange-slate | Paired with red |
| 121 | Red-blue | Paired with white | 175 | Black-green-white | Paired with red |
| 122 | Red-orange | Paired with white | 176 | Black-green-brown | Paired with red |
| 123 | Red-green | Paired with white | 177 | Black-green-slate | Paired with red |
| 124 | Red-brown | Paired with white | 178 | Black-brown-white | Paired with red |
| 125 | Red-slate | Paired with white | 179 | Black-brown-slate | Paired with red |
| 126 | Red-blue-white | Paired with white | 180 | Black-slate-white | Paired with red |
| 127 | Red-blue-orange | Paired with white | | | |
| 128 | Red-blue-green | Paired with white | | | |
| 129 | Red-blue-brown | Paired with white | 181 | Blue | Paired with Blue-Novelty red white |
| 130 | Red-blue-slate | Paired with white | 182 | Orange | Orange-Novelty red white |
| 131 | Red-orange-white | Paired with white | 183 | Green | Green-Novelty red white |
| 132 | Red-orange-green | Paired with white | 184 | Brown | Brown-Novelty red white |
| 133 | Red-orange-brown | Paired with white | 185 | Slate | Slate-Novelty red white |
| 134 | Red-orange-slate | Paired with white | 186 | Blue-white | Blue-white-Novelty red white |
| 135 | Red-green-white | Paired with white | 187 | Blue-orange | Blue-orange-Novelty red white |
| 136 | Red-green-brown | Paired with white | 188 | Blue-green | Blue-green-Novelty red white |
| 137 | Red-green-slate | Paired with white | 189 | Blue-brown | Blue-brown-Novelty red white |
| 138 | Red-brown-white | Paired with white | 190 | Blue-slate | Blue-slate-Novelty red white |
| 139 | Red-brown-slate | Paired with white | 191 | Orange-white | Orange-white-Novelty red white |
| 140 | Red-slate-white | Paired with white | 192 | Orange-green | Orange-green-Novelty red white |
| 141 | Red-blue | Paired with red | 193 | Orange-brown | Orange-brown-Novelty red white |
| 142 | Red-orange | Paired with red | 194 | Orange-slate | Orange-slate-Novelty red white |
| 143 | Red-green | Paired with red | 195 | Green-white | Green-white-Novelty red white |
| 144 | Red-brown | Paired with red | 196 | Green-brown | Green-brown-Novelty red white |
| 145 | Red-slate | Paired with red | 197 | Green-slate | Green-slate-Novelty red white |
| 146 | Red-blue-white | Paired with red | 198 | Brown-white | Brown-white-Novelty red white |
| 147 | Red-blue-orange | Paired with red | 199 | Brown-slate | Brown-slate-Novelty red white |
| 148 | Red-blue-green | Paired with red | 200 | Slate-white | Slate-white-Novelty red white |

NOTE: Color listed as "Novelty Red White" consists of one ply of red yarn twisted together with one ply of white yarn to form a single thread.

COLORS OF INSULATION ON CONDUCTORS

| SINGLES | | | | | |
|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Com- bination No. | Colors of Insulation | Com- bination No. | Colors of Insulation | Com- bination No. | Colors of Insulation |
| 1 | Red-blue | 21 | Black-blue | 41 | Red-black-blue |
| 2 | Red-orange | 22 | Black-orange | 42 | Red-black-orange |
| 3 | Red-green | 23 | Black-green | 43 | Red-black-green |
| 4 | Red-brown | 24 | Black-brown | 44 | Red-black-brown |
| 5 | Red-slate | 25 | Black-slate | 45 | Red-black-slate |
| 6 | Red-blue-white | 26 | Black-blue-white | 46 | Red-black-blue-white |
| 7 | Red-blue-orange | 27 | Black-blue-orange | 47 | Red-black-blue-orange |
| 8 | Red-blue-green | 28 | Black-blue-green | 48 | Red-black-blue-green |
| 9 | Red-blue-brown | 29 | Black-blue-brown | 49 | Red-black-blue-brown |
| 10 | Red-blue-slate | 30 | Black-blue-slate | 50 | Red-black-blue-slate |
| 11 | Red-orange-white | 31 | Black-orange-white | 51 | Red-black-orange-white |
| 12 | Red-orange-green | 32 | Black-orange-green | 52 | Red-black-orange-green |
| 13 | Red-orange-brown | 33 | Black-orange-brown | 53 | Red-black-orange-brown |
| 14 | Red-orange-slate | 34 | Black-orange-slate | 54 | Red-black-orange-slate |
| 15 | Red-green-white | 35 | Black-green-white | 55 | Red-black-green-white |
| 16 | Red-green-brown | 36 | Black-green-brown | 56 | Red-black-green-brown |
| 17 | Red-green-slate | 37 | Black-green-slate | 57 | Red-black-green-slate |
| 18 | Red-brown-white | 38 | Black-brown-white | 58 | Red-black-brown-white |
| 19 | Red-brown-slate | 39 | Black-brown-slate | 59 | Red-black-brown-slate |
| 20 | Red-slate-white | 40 | Black-slate-white | 60 | Red-black-slate-white |

PAIRS (With Braided Cotton Conductors)

| Combination No. | Colors of Insulation | Paired with |
|--------------------|-------------------------|------------------|
| 1b | Blue | Blue-Red |
| 2b | Orange | Orange-Red |
| 3b | Green | Green-Red |
| 4b | Brown | Brown-Red |
| 5b | Slate | Slate-Red |
| 6b | Blue-White | Blue-White-Red |
| 7b | Blue-Orange | Blue-Orange-Red |
| 8b | Blue-Green | Blue-Green-Red |
| 9b | Blue-Brown | Blue-Brown-Red |
| 10b | Blue-Slate | Blue-Slate-Red |
| 11b | Orange-White | Orange-White-Red |
| 12b | Orange-Green | Orange-Green-Red |
| 13b | Orange-Brown | Orange-Brown-Red |
| 14b | Orange-Slate | Orange-Slate-Red |
| 15b | Green-White | Green-White-Red |
| 16b | Green-Brown | Green-Brown-Red |
| 17b | Green-Slate | Green-Slate-Red |
| 18b | Brown-White | Brown-White-Red |
| 19b | Brown-Slate | Brown-Slate-Red |
| 20b | Slate-White | Slate-White-Red |

SPARE PAIRS

| Combination No. | Colors of Insulation | Paired with |
|--------------------|-------------------------|-------------|
| 1b | White | Red |

TRIPLES (With Braided Cotton Conductors)

| Combination No. | Colors of Insulation | Paired with |
|-----------------|----------------------|---------------------------|
| 1b | Blue | Blue-red and white |
| 2b | Orange | Orange-red and white |
| 3b | Green | Green-red and white |
| 4b | Brown | Brown-red and white |
| 5b | Slate | Slate-red and white |
| 6b | Blue-white | Blue-white-red and white |
| 7b | Blue-orange | Blue-orange-red and white |
| 8b | Blue-green | Blue-green-red and white |
| 9b | Blue-brown | Blue-brown-red and white |
| 10b | Blue-slate | Blue-slate-red and white |

SPARE PAIRS

| Combination No. | Colors of Insulation | |
|-----------------|----------------------|-------------------|
| 1 | White | Paired with red |
| 2 | White | Paired with black |
| 3 | Red | Paired with black |
| 4 | Red-white | Paired with white |
| 5 | Red-white | Paired with red |
| 6 | Red-white | Paired with black |
| 7 | Black-white | Paired with white |
| 8 | Black-white | Paired with red |
| 9 | Black-white | Paired with black |
| 10 | Red-black | Paired with white |
| 11 | Red-black | Paired with red |
| 12 | Red-black | Paired with black |

SPARE SINGLES

| Combination No. | Colors of Insulation |
|-----------------|----------------------|
| 1 | Red-white |
| 2 | Black-white |
| 3 | Red-black |
| 4 | Red-black-white |

GROUND WIRE

| Combination No. | Color of Insulation |
|-----------------|---------------------|
| 1 | Black |

QUADS

| Quad No. | First Pair Color of Cotton | | Second Pair *Color of Cotton |
|-----------|----------------------------|------------------|-------------------------------|
| | Paired With | | Paired With |
| 1 | Blue | Blue-red | Blue-Nov. black white |
| 2 | Orange | Orange-red | Orange-Nov. black white |
| 3 | Green | Green-red | Green-Nov. black white |
| 4 | Brown | Brown-red | Brown-Nov. black white |
| 5 | Slate | Slate-red | Slate-Nov. black white |
| 6 | Blue-white | Blue-white-red | Blue-white-Nov. black white |
| 7 | Blue-orange | *Blue-orange-red | Blue-orange-Nov. black white |
| 8 | Blue-green | Blue-green-red | Blue-green-Nov. black white |
| 9 | Blue-brown | Blue-brown-red | Blue-brown-Nov. black white |
| 10 | Blue-slate | Blue-slate-red | Blue-slate-Nov. black-white |
| 11 | Orange-white | Orange-white-red | Orange-white-Nov. black white |
| 12 | Orange-green | Orange-green-red | Orange-green-Nov. black white |
| 13 | Orange-brown | Orange-brown-red | Orange-brown-Nov. black white |
| 14 | Orange-slate | Orange-slate-red | Orange-slate-Nov. black white |
| 15 | Green-white | Green-white-red | Green-white-Nov. black white |
| 16 | Green-brown | Green-brown-red | Green-brown-Nov. black white |
| 17 | Green-slate | Green-slate-red | Green-slate-Nov. black white |
| 18 | Brown-white | Brown-white-red | Brown-white-Nov. black white |
| 19 | Brown-slate | Brown-slate-red | Brown-slate-Nov. black white |
| 20 | Slate-white | Slate-white-red | Slate-white-Nov. black white |
| Spare Red | Red-white | Black | Black-red |

* Color listed as "Novelty Black White" or "Novelty Red White" consists of one ply of black or red yarn, respectively, twisted together with one ply of white yarn to form a single thread.