

Technical
Data Sheet

Color Code Charts - Copper Cables

Pair Identification Colors

For pairs numbering 1 through 25, the pair identification colors are outlined below. In cable constructions containing more than 25 pairs, the colors are repeated as necessary. color coded binders are used to identify 25 pair groups of color coded pairs.

Pair Number	Tip Color	Ring Color	Pair Number	Tip Color	Ring Color
01	White	Blue	16	Yellow	Blue
02	White	Orange	17	Yellow	Orange
03	White	Green	18	Yellow	Green
04	White	Brown	19	Yellow	Brown
05	White	Slate	20	Yellow	Slate
06	Red	Blue	21	Violet	Blue
07	Red	Orange	22	Violet	Orange
08	Red	Green	23	Violet	Green
09	Red	Brown	24	Violet	Brown
10	Red	Slate	25	Violet	Slate
11	Black	Blue			
12	Black	Orange			
13	Black	Green			
14	Black	Brown			
15	Black	Slate			

Identification of Groups of Pairs

For cables through 600 pairs, 25 pair groups are identified by their binder colors in the same sequence as the pair identification is accomplished. Group 1 has White-Blue binders, Group 2 has White-Orange binders, etc. In this manner, each pair is uniquely identified. In cables having 25 pairs or less, binders are normally not used. However, if specified, the binders will be Group 1, White-Blue. For cables of 100-pairs or less, the use of the white binder is optional.

PairNumber	Group Number	Binder Color
01	001-025	White-Blue W-BL
02	026-050	White-Orange W-O
03	051-070	White-Green W-G
04	076-100	White-Brown W-BR
05	100-125	White-Slate W-S
06	126-150	Red-Blue R-BL
07	151-175	Red-Orange R-O
08	176-200	Red-Green R-G
09	201-225	Red-Brown R-BR
10	226-250	Red-Slate R-S
11	251-275	Black-Blue BK-BL
12	276-300	Black-Orange BK-O
13	301-325	Black-Green -G
14	326-350	Black-Brown BK-BR
15	351-375	Black-Slate BK-S
16	376-400	Yellow-Blue Y-BL
17	401-425	Yellow-Orange Y-O
18	426-450	Yellow-Green Y-G
19	451-475	Yellow-Brown Y-BR
20	476-500	Yellow-Slate Y-S
21	501-525	Violet-Blue V-BL
22	526-550	Violet-Orange V-O
23	551-575	Violet-Green V-G
24	576-600	Violet-Brown V-BR
		Violet-Slate V-S



Super-units Binder Identification Colors

It is desirable for manufacturing purposes to combine four 25 pair groups into "super units" when cables have 900 pairs or more.

Pair Number	Group Number	Binder Color	
0001-0600	001-024	White	W
0601-1200	025-048	Red	R
1201-1800	049-072	Black	BK
1801-2400	073-096	Yellow	Y
2401-3000	097-120	Violet	V

Spare Pairs

Cable of 100 pairs and above may include spare pairs to replace the defective pairs (if any) during production. The number of spare pairs shall not exceed 1% of the nominal pair size. A part of these spare pairs used for the manufacture. A part of these spare pairs used by the manufacturer, the cable shall not include any other spare pairs for the end user.