

OSP Color Code Charts

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
1	White	Blue	16	Yellow	Blue
2	White	Orange	17	Yellow	Orange
3	White	Green	18	Yellow	Green
4	White	Brown	19	Yellow	Brown
5	White	Slate	20	Yellow	Slate
6	Red	Blue	21	Violet	Blue
7	Red	Orange	22	Violet	Orange
8	Red	Green	23	Violet	Green
9	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.

Group Number	Group Pair Counts	Color Of Binders
1	1-25	White-Blue W-BL
2	26-50	White-Orange W-O
3	51-75	White-Green W-G
4	76-100	White-Brown W-BR
5	100-125	White-Slate W-S
6	126-150	Red-Blue R-BL
7	151-175	Red-Orange R-O
8	176-200	Red-Green R-G
9	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 BK-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

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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	
1-600	1-24	White	W
601-1200	25-48	Red	R
1201-1800	49-72	Black	BK
1801-2400	73-96	Yellow	Y
2401-3000	97-120	Violet	V
3001-3600	121-144	Blue	BL
3601-4200	145-168	Orange	O