

DYS FIBER OPTIC

Fiber Optic Color Codes (TIA-598)

Quick-reference card — the 12-fiber sequence, buffer-tube map to 144F, jacket and connector colors.

The 12-color fiber sequence

#	Color	#	Color
1	Blue	7	Red
2	Orange	8	Black
3	Green	9	Yellow
4	Brown	10	Violet
5	Slate	11	Rose
6	White	12	Aqua

Past fiber 12: the tracer-stripe rule

Fiber	Base color	Marking
1–12	Blue → Aqua	Plain, no stripe
13–24	Blue → Aqua (repeat)	One tracer stripe
25–36	Blue → Aqua (repeat)	Two tracer stripes / dashed

Buffer-tube colors & full 144-fiber map

Tube	Tube color	Fibers	Fiber 1 → 12 in that tube
1	Blue	1–12	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
2	Orange	13–24	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
3	Green	25–36	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
4	Brown	37–48	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
5	Slate	49–60	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
6	White	61–72	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
7	Red	73–84	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
8	Black	85–96	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
9	Yellow	97–108	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
10	Violet	109–120	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
11	Rose	121–132	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
12	Aqua	133–144	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua

Jacket colors (premises scheme)

Jacket color	Fiber type	Notes
Yellow	Single-mode (OS1 / OS2)	9/125
Orange	Multimode OM1 / OM2	62.5/125 and 50/125
Aqua	Multimode OM3 / OM4	50/125 laser-optimized
Lime green	Multimode OM5	Wideband, added in the later revision
Slate (grey)	Legacy multimode	Superseded — treat as unknown, verify
Black	Legacy multimode (premises)	Superseded — and the default for all outdoor cable

Connector & adapter colors

Adapter color	Meaning
Blue	9/125 single-mode
Beige	62.5/50 µm multimode
Aqua	OM3 (laser-optimized)

Adapter color	Meaning
Green	APC polish

Full guide → www.dysfiber.com/blog/public/tools/fiber-optic-color-code-tia-598.pdf | **Need cable to spec? Request a 24h quote →**
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