In order to differentiate between the tubes in the cables and the optical fibres in a loose tube,
the tubes and fibres (more precisely: the primary coating) are given different colours.

Fibre colour code (in accordance with IEC 60304)

(up to 12 fibres)

Fibre no.	colour	
1	🟥	red
2	🟩	green
3	🟦	blue
4	🟨	yellow
5	⬜	white
6	⬜	grey
7	⬜	brown
8	🟪	violet
9	🟦	turquoise
10	⬛	black
11	🟧	orange
12	🟥	pink

Fibre colour code with ring signature (Datwyler)

(up to 24 fibres)

Fibre no.	colour	
13	🟥⬛🟥	red/black
14	🟩⬛🟩	green/black
15	🟦⬛🟦	blue/black
16	🟨⬛🟨	yellow/black
17	⬜⬛⬜	white/black
18	⬜⬛⬜	grey/black
19	⬜⬛⬜	brown/black
20	🟪⬛🟪	violet/black
21	🟦⬛🟦	turquoise/black
22	⬜⬛⬜	transparent/black
23	🟧⬛🟧	orange/black
24	🟥⬛🟥	pink/black

Tube colour code

Tube type	Colour		RAL No.	Fibre type
1st tube	🟥	red	3020	all types
2nd tub	🟩	green	6018	all types
add. tubes	⬜	white	9016	E9/125
	🟩	light green	6019	G50/125
	🟦	blue	5015	G62/125
dummy elements	⬛	black	9005	

Sheath colours

Cable type	Colour	
FO Outdoor cable	⬛🟧	black with orange longitudinal stripe
FO Universal cable	🟩	green
FO Indoor cable	🟨 🟩	Singlemode G.652 + G.657 yellow (green)
	🟧	Multimode G50 (OM2) orange
	🟦	Multimode G50 (OM3) turquoise
	🟪	Multimode G50 (OM4) heather violet
	⬜	Multimode G62.5 (OM1) grey

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