

Fibre / tube colour codes & sheath colours

In order to differentiate between the tubes in the FO 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 types
1st tube		red	3020	all types
2nd tube		green	6018	all types
add. tubes		white	9016	E9/125
		light green	6019	G50/125
dummy elements		black	9005	

Sheath colours

Cable type	Colour	
FO Outdoor cable		black with orange longitudinal stripe
FO Universal cable		green
FO Indoor cable		Single-mode G.652 + G.657 yellow (green)
		Multimode G50 (OM3) turquoise
		Multimode G50 (OM4) heather violet
		Multimode G50 (OM5) lime green