

## D1D1-DATACOM Colour code

### D1 – Optical fibres and tight buffer tubes colour code

According to IEC 60304 ; TIA/EIA 598-A ; TIA/EIA 598-C: (up to 12 active elements)												
Fibre 01-12	1	2	3	4	5	6	7	8	9	10	11	12
Fibre	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Pink	Aqua
Buffer tube	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Pink	Aqua
Fibre 13-24	13	14	15	16	17	18	19	20	21	22	23	24
Fibre	Blue*	Orange*	Green*	Brown*	Grey*	White*	Red*	Natural	Yellow*	Violet*	Pink*	Aqua*
Buffer tube	Blue 	Orange 	Green 	Brown 	Grey 	White 	Red 	Dark Green	Yellow 	Violet 	Pink 	Aqua 

\* Optical fibre with black ring to identify fibres 13-24.

| Additional marking of buffer tubes

### D1 – Loose tubes colour code

According to IEC 60304 ; TIA/EIA 598-A ; TIA/EIA 598-C: (up to 12 active elements)												
Loose tube	1	2	3	4	5	6	7	8	9	10	11	12
Colour	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Pink	Aqua

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|, ||, ||| - additional marking to identify tubes / modules (dashes or other symbols).

Additional marking printed on each tube at a distance of about 10-15 cm

For cables with a multi layers design colour code will be repeated in subsequent layers starting from 1<sup>st</sup> colour in sequence.

In case of lower fibre count cables selected tubes may be replaced by fillers.

#### EXAMPLES FOR CABLES WITH A MULTI-LAYER DESIGN:

##### 18 ELEMENTS

Tube number	1	2	3	4	5	6	1 <sup>st</sup> Layer							
Tube colour	Blue	Orange	Green	Brown	Grey	White								
Tube number	7	8	9	10	11	12	13	14	15	16	17	18	2 <sup>nd</sup> Layer	
Tube colour**	Blue 	Orange 	Green 	Brown 	Grey 	White 	Red 	Dark Green 	Yellow 	Violet 	Pink 	Aqua 		

##### 24 ELEMENTS

Tube number	1	2	3	4	5	6	7	8	9	1 <sup>st</sup> Layer							
Tube colour	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow								
Tube number	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	2 <sup>nd</sup> Layer	
Tube colour**	Blue 	Orange 	Green 	Brown 	Grey 	White 	Red 	Dark Green 	Yellow 	Violet 	Pink 	Aqua 	Blue 	Orange 	Green 		

##### 36 ELEMENTS

Tube number	1	2	3	4	5	6	1 <sup>st</sup> Layer													
Tube colour	Blue	Orange	Green	Brown	Grey	White														
Tube number	7	8	9	10	11	12	13	14	15	16	17	18	2 <sup>nd</sup> Layer							
Tube colour**	Blue 	Orange 	Green 	Brown 	Grey 	White 	Red 	Dark Green 	Yellow 	Violet 	Pink 	Aqua 								
Tube number**	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	3 <sup>rd</sup> Layer	
Tube colour**	Blue 	Orange 	Green 	Brown 	Grey 	White 	Red 	Dark Green 	Yellow 	Violet 	Pink 	Aqua 	Blue 	Orange 	Green 	Brown 	Grey 	White 		