

# FIBER OPTIC CABLES COLOR CODES

## FIBER COLOR CODES IN LOOSE TUBE CABLE DESIGN

Other colors available on demand

### T-TELECOM

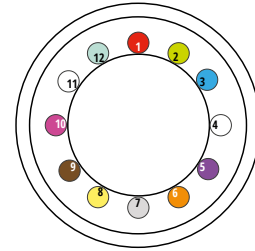
ACCORDING TO IEC 60304

1-12	1	2	3	4	5	6	7	8	9	10	11	12
Fiber												
Color	red	green	blue	white	violet	orange	grey	yellow	brown	pink	black	aqua
Symbol	R	GR	BL	W	V	OR	GY	Y	BR	PK	BK	AQ

13-14	13	14	15	16	17	18	19	20	21	22	23	24
Fiber												
Color	red	green	blue	white	violet	orange	grey	yellow	brown	pink	natural	aqua
Symbol	R	GR	BL	W	V	OR	GY	Y	BR	PK	BK	AQ

\*In 24-fiber tube construction colors will be repeated to facilitate identification, fibers 13-24 will have rings every 25 cm



### T1-TELECOM

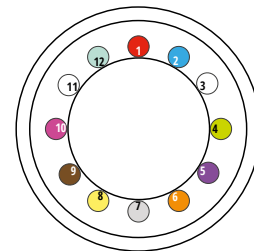
ACCORDING TO IEC 60304 TABLE 3 & ZN-11/TPSA-005-02

1-12	1	2	3	4	5	6	7	8	9	10	11	12
Fiber												
Color	red	blue	white	green	violet	orange	grey	yellow	brown	pink	black	aqua
Symbol	R	BL	W	GR	V	OR	GY	Y	BR	PK	BK	AQ

13-24	13	14	15	16	17	18	19	20	21	22	23	24
Fiber												
Color	red	blue	white	green	violet	orange	grey	yellow	brown	pink	natural	aqua
Symbol	R	BL	W	GR	V	OR	GY	Y	BR	PK	N	AQ

\*In 24-fiber tube construction colors will be repeated to facilitate identification, fibers 13-24 will have rings every 25 cm



### T2-TELECOM

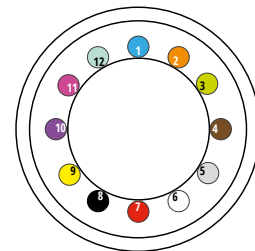
ACCORDING TO EIA 598A

1-12	1	2	3	4	5	6	7	8	9	10	11	12
Fiber												
Color	blue	orange	green	brown	grey	white	red	black	yellow	violet	pink	aqua
Symbol	BL	OR	GR	BR	GY	W	R	BK	Y	V	PK	AQ

13-24	13	14	15	16	17	18	19	20	21	22	23	24
Fiber												
Color	blue	orange	green	brown	grey	white	red	natural	yellow	violet	pink	aqua
Symbol	BL	OR	GR	BR	GY	W	R	N	Y	V	PK	AQ

\*In 24-fiber tube construction colors will be repeated to facilitate identification, fibers 13-24 will have rings every 25 cm



# FIBER OPTIC CABLES COLOR CODES

## LOOSE TUBE COLOR CODES IN LOOSE TUBE CABLE DESIGN

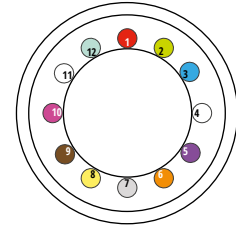
Other colors available on demand

### T-TELECOM - Loose tube in cable

ACCORDING TO IEC60304

TUBE	1	2	3	4	5	6	7	8	9	10	11	12
Fiber												
Color	red	green	blue	white	violet	orange	grey	yellow	brown	pink	black	aqua
Symbol	R	GR	BL	W	V	OR	GY	Y	BR	PK	BK	AQ

\*\*In cable with a multi-layer construction color of the tubes will be repeated in second layer  
 \*\*\*In case of lower fiber count some tubes can be replaced by fillers

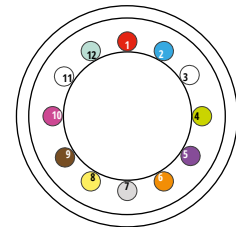


### T1-TELECOM - Loose tube in cable

ACCORDING TO IEC 60304 TABLE 3 & ZN-11/TPSA-005-02

TUBE	1	2	3	4	5	6	7	8	9	10	11	12
Fiber												
Color	red	blue	white	green	violet	orange	grey	yellow	brown	pink	black	aqua
Symbol	R	BL	W	GR	V	OR	GY	Y	BR	PK	BK	AQ

\*\*In cable with a multi-layer construction color of the tubes will be repeated in second layer  
 \*\*\*In case of lower fiber count some tubes can be replaced by fillers

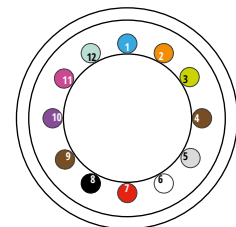


### T2-TELECOM - Loose tube in cable

ACCORDING TO EIA 598A

TUBE	1	2	3	4	5	6	7	8	9	10	11	12
Fiber												
Color	red	green	blue	white	violet	orange	grey	yellow	brown	pink	black	aqua
Symbol	R	GR	BL	W	V	OR	GY	Y	BR	PK	BK	AQ

\*\*In cable with a multi-layer construction color of the tubes will be repeated in second layer  
 \*\*\*In case of lower fiber count some tubes can be replaced by fillers

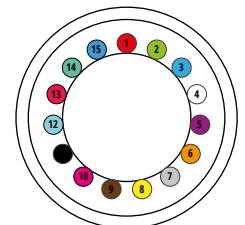


### T3-TELECOM - Loose tube in cable

ACCORDING TO IEC 60304

TUBE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Fiber															
Color	red	green	blue	white	violet	orange	grey	yellow	brown	pink	black	aqua	Lumino- us red	Patina green	Signal blue
Symbol	R	GR	BL	W	V	OR	GY	Y	BR	PK	BK	AQ	LR	PG	SB

\*\*In cable with a multi-layer construction color of the tubes will be repeated in second layer  
 \*\*\*In case of lower fiber count some tubes can be replaced by fillers

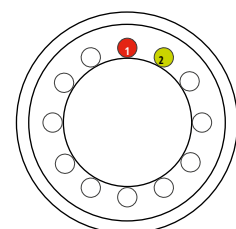


### E-TELECOM - Loose tube in cable

ACCORDING TO EIA 598A

TUBE	1	2	3	4	5	6	7	8	9	10	11	12
Fiber												
Color	red	green	white	white	white	white	white	white	white	white	white	white
Symbol	R	GR	W	W	W	W	W	W	W	W	W	W

\*\*In cable with a multi-layer construction color of the tubes will be repeated in second layer  
 \*\*\*In case of lower fiber count some tubes can be replaced by fillers



# FIBER OPTIC CABLES COLOR CODES

## FIBER, BUFFER AND TUBES COLOR CODES FOR DATACOM CABLES RANGE

Other colors available on demand

### D-DATACOM

ACCORDING TO DIN VDE 0888 & IEC 60304

#### Fiber in buffer

1-12	1	2	3	4	5	6	7	8	9	10	11	12
Fiber												
Buffer												
Color 250/900/ /600 µm	red	green	blue	yellow	white	grey	brown	violet	aqua	black	orange	pink
Symbol	R/R	GR/GR	BL/BL	Y/Y	W/W	GY/GY	BR/BR	V/V	AQ/AQ	BK/BK	OR/OR	PK/PK

13-14	13	14	15	16	17	18	19	20	21	22	23	24
Fiber												
Buffer												
Color 250 µm	red	green	blue	yellow	white	grey	brown	violet	aqua	natural	orange	pink
Color* 600/900 µm	red	green	blue	yellow	white	grey	brown	violet	aqua	dark green	orange	pink
Symbol	R/R	GR/GR	BL/BL	Y/Y	W/W	GY/GY	BR/BR	V/V	AQ/AQ	N/DG	OR/OR	PK/PK

\*Buffer with black mark to identify fibers 13-24



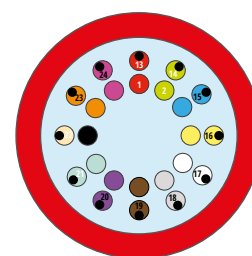
#### Fibers in tubes

1-12	1	2	3	4	5	6	7	8	9	10	11	12
Code												
Color	red	green	blue	yellow	white	grey	brown	violet	aqua	black	orange	pink
Symbol	R	GR	BL	Y	W	GY	BR	V	AQ	BK	OR	PK

13-24	13	14	15	16	17	18	19	20	21	22	23	24
Code												
Color	red	green	blue	yellow	white	grey	brown	violet	aqua	natural	orange	pink
Symbol	R	GR	BL	Y	W	GY	BR	V	AQ	N	OR	PK

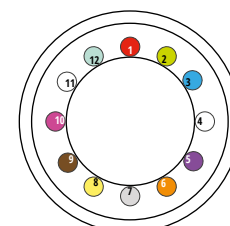
\*In 24-fiber tube construction colors will be repeated to facilitate identification, fibers 13-24 will have rings every 25 cm



#### Loose tubes in cables

TUBE	1	2	3	4	5	6	7	8	9	10	11	12
Code												
Color	red	green	blue	white	violet	orange	grey	yellow	brown	pink	black	aqua
Symbol	R	GR	BL	W	V	OR	GY	Y	BR	PK	BK	AQ

\*In cable with a multi-layer construction color of the tubes will be repeated in second layer  
 \*\*\*In case of lower fiber count some tubes can be replaced by fillers



# FIBER OPTIC CABLES COLOR CODES

## FIBER AND BUFFER COLOR CODES FOR DATACOM CABLES RANGE

Other colors available on demand

### D1-DATACOM

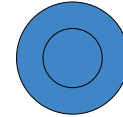
ACCORDING TO IEC 60304; TIA/EIA 598-A; TIA/EIA 598-C /DATA CENTER CABLES

#### Fiber in buffer

1-12	1	2	3	4	5	6	7	8	9	10	11	12
Fiber												
Buffer												
Color 250/900 /600 μm	blue	orange	green	brown	grey	white	red	black	yellow	violet	pink	aqua
Symbol	BL/BL	OR/OR	GR/GR	BR/BR	GY/GY	W/W	R/R	BK/BK	Y/Y	V/V	PK/PK	AQ/AQ

13-14	13	14	15	16	17	18	19	20	21	22	23	24
Fiber												
Buffer												
Color 250μm	blue	orange	green	brown	grey	white	red	natural	yellow	violet	pink	aqua
Color* 600/900 μm	blue	orange	green	brown	grey	white	red	dark green	yellow	violet	pink	aqua
Symbol	BL/BL	OR/OR	GR/GR	BR/BR	GY/GY	W/W	R/R	N/DG	Y/Y	V/V	PK/PK	AQ/AQ



\*Buffer with black mark to identify fibers 13-24

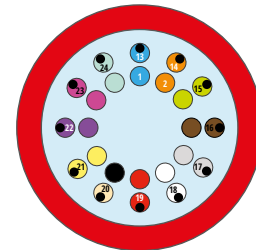
#### Fibers in tubes

1-12	1	2	3	4	5	6	7	8	9	10	11	12
Code												
Color	blue	orange	green	brown	grey	white	red	black	yellow	violet	pink	aqua
Symbol	BL	OR	GR	BR	GY	W	R	BK	Y	V	PK	AQ

13-14	13	14	15	16	17	18	19	20	21	22	23	24
Code												
Color	red	green	blue	yellow	white	grey	brown	violet	aqua	natural	orange	pink
Symbol	R	GR	BL	Y	W	GY	BR	V	AQ	N	OR	PK

\*In 24-fiber tube construction colors will be repeated to facilitate identification, fibers 13-24 will have rings every 25 cm

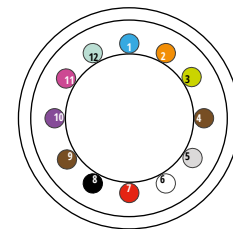


#### Loose tubes in cables

TUBE	1	2	3	4	5	6	7	8	9	10	11	12
Code												
Color	red	green	blue	white	violet	orange	grey	yellow	brown	pink	black	aqua
Symbol	R	GR	BL	W	V	OR	GY	Y	BR	PK	BK	AQ

\*\*In cable with a multi-layer construction color of the tubes will be repeated in second layer

\*\*\*In case of lower fiber count some tubes can be replaced by fillers



# FIBER OPTIC CABLES COLOR CODES

## FIBER AND BUFFER COLOR CODES FOR FTTH CABLES RANGE

Other colors available on demand

### F-FTTH

ACCORDING TO IEC 60304; TIA/EIA 598-A; TIA/EIA 598-C /DATA CENTER CABLES

#### Fiber in buffer

1-12	1	2	3	4	5	6	7	8	9	10	11	12
Fiber												
Buffer												
Color 250/900 /600 μm	red	green	blue	yellow	white	grey	brown	violet	aqua	black	orange	pink
Symbol	R	GR	BL	Y	W	GY	BR	V	AQ	BK	OR	PK

13-14	13	14	15	16	17	18	19	20	21	22	23	24
Fiber												
Buffer												
Color 250μm	red	green	blue	yellow	white	grey	brown	violet	aqua	natural	orange	pink
Color* 600/900 μm	red	green	blue	yellow	white	grey	brown	violet	aqua	dark green	orange	pink
Symbol	R/R	GR/GR	BL/BL	Y/Y	W/W	GY/GY	BR/BR	V/V	AQ/AQ	N/DG	OR/OR	PK/PK

\*Buffer with black mark to identify fibers 13-24



## FIBER OPTIC CABLES SHEATH COLOR CODES

Symbol	Color
BK	<b>Black</b>
R	<b>Red</b>
GR	<b>Green</b>
BL	<b>Blue</b>
W	<b>White</b>
V	<b>Violet</b>
OR	<b>Orange</b>
GY	<b>Grey</b>
Y	<b>Yellow</b>
BR	<b>Brown</b>
PK	<b>Pink</b>
N	<b>Natural</b>
AQ	<b>Aqua</b>
SB	<b>Signal Blue</b>
LR	<b>Luminous Red</b>
PG	<b>Patina Green</b>