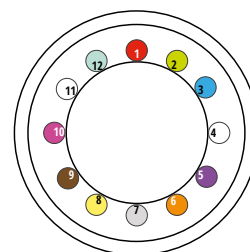


## FIBER COLOR CODES IN LOOSE TUBE CABLE DESIGN

Other colors available on demand

### T-TELECOM (ACCORDING TO IEC 60304)

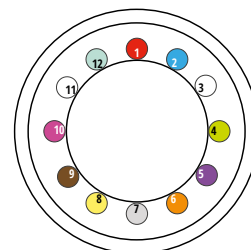
| 1-12         | 1   | 2     | 3    | 4     | 5      | 6      | 7    | 8      | 9     | 10   | 11      | 12   |
|--------------|-----|-------|------|-------|--------|--------|------|--------|-------|------|---------|------|
| <b>Code</b>  |     |       |      |       |        |        |      |        |       |      |         |      |
| <b>Color</b> | red | green | blue | white | violet | orange | grey | yellow | brown | pink | black   | aqua |
| 13-24        | 13  | 14    | 15   | 16    | 17     | 18     | 19   | 20     | 21    | 22   | 23      | 24   |
| <b>Code</b>  |     |       |      |       |        |        |      |        |       |      |         |      |
| <b>Color</b> | red | green | blue | white | violet | orange | grey | yellow | brown | pink | natural | aqua |



\*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)

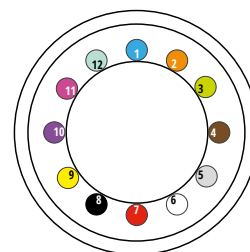
| 1-12         | 1   | 2    | 3     | 4     | 5      | 6      | 7    | 8      | 9     | 10   | 11      | 12   |
|--------------|-----|------|-------|-------|--------|--------|------|--------|-------|------|---------|------|
| <b>Code</b>  |     |      |       |       |        |        |      |        |       |      |         |      |
| <b>Color</b> | red | blue | white | green | violet | orange | grey | yellow | brown | pink | black   | aqua |
| 13-24        | 13  | 14   | 15    | 16    | 17     | 18     | 19   | 20     | 21    | 22   | 23      | 24   |
| <b>Code</b>  |     |      |       |       |        |        |      |        |       |      |         |      |
| <b>Color</b> | red | blue | white | green | violet | orange | grey | yellow | brown | pink | natural | aqua |



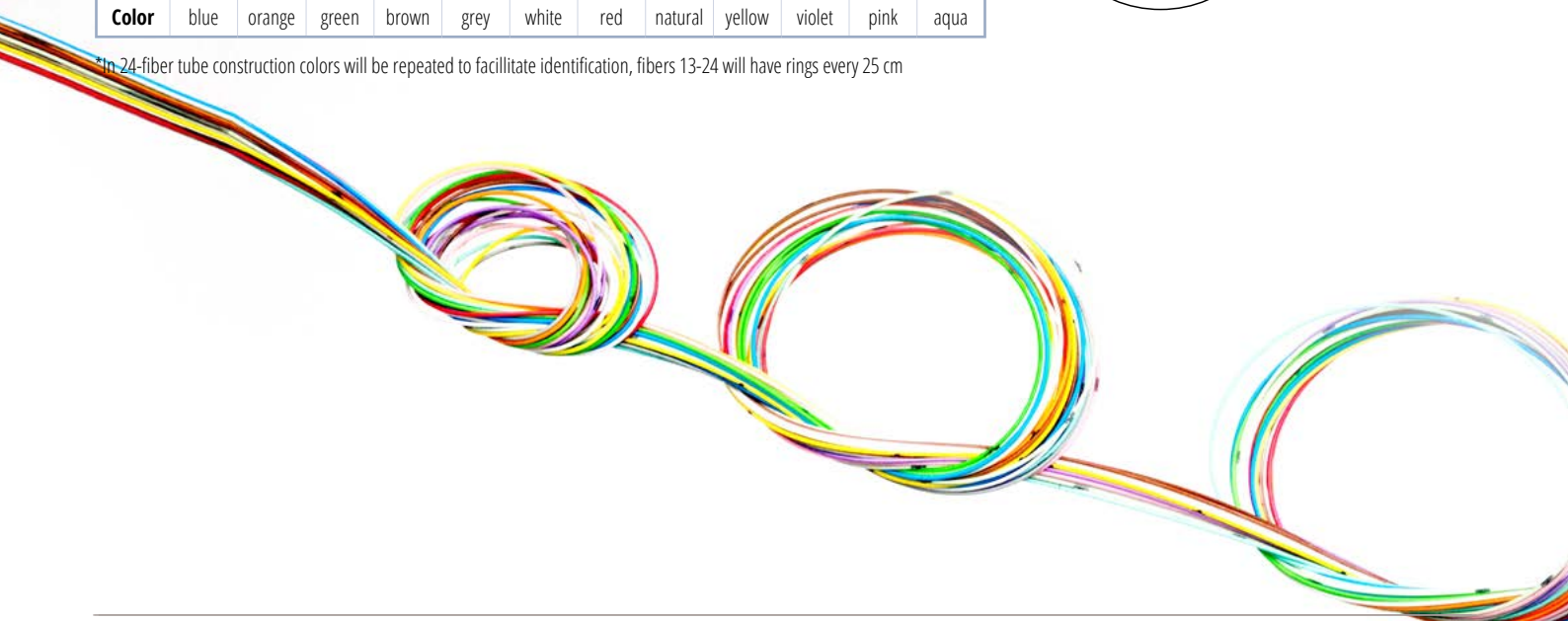
\*In 24-fiber tube construction colors will be repeated to facilitate identification, fibers 13-24 will have rings every 25 cm

### T2-TELECOM (ACCORDING TO EIA 598A)

| 1-12         | 1    | 2      | 3     | 4     | 5    | 6     | 7   | 8       | 9      | 10     | 11   | 12   |
|--------------|------|--------|-------|-------|------|-------|-----|---------|--------|--------|------|------|
| <b>Code</b>  |      |        |       |       |      |       |     |         |        |        |      |      |
| <b>Color</b> | blue | orange | green | brown | grey | white | red | black   | yellow | violet | pink | aqua |
| 13-24        | 13   | 14     | 15    | 16    | 17   | 18    | 19  | 20      | 21     | 22     | 23   | 24   |
| <b>Code</b>  |      |        |       |       |      |       |     |         |        |        |      |      |
| <b>Color</b> | blue | orange | green | brown | grey | white | red | natural | yellow | violet | pink | aqua |



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



### LOOSE TUBE COLOR CODES IN LOOSE TUBE CABLE DESIGN

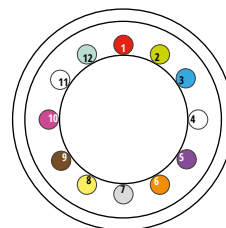
Other colors available on demand

#### T-TELECOM - LOOSE TUBE IN CABLE (ACCORDING TO IEC60304):

| Tube  | 1   | 2     | 3    | 4     | 5      | 6      | 7    | 8      | 9     | 10   | 11    | 12   |
|-------|-----|-------|------|-------|--------|--------|------|--------|-------|------|-------|------|
| Code  |     |       |      |       |        |        |      |        |       |      |       |      |
| Color | red | green | blue | white | violet | orange | grey | yellow | brown | pink | black | aqua |

\*\*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

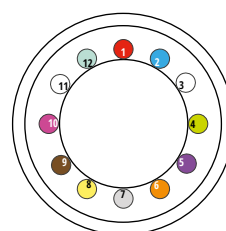


#### T1-TELECOM - LOOSE TUBE IN CABLE (ACCORDING TO IEC 60304 TABLE 3 & ZN-11/TPSA-005-02)

| Tube  | 1   | 2    | 3     | 4     | 5      | 6      | 7    | 8      | 9     | 10   | 11    | 12   |
|-------|-----|------|-------|-------|--------|--------|------|--------|-------|------|-------|------|
| Code  |     |      |       |       |        |        |      |        |       |      |       |      |
| Color | red | blue | white | green | violet | orange | grey | yellow | brown | pink | black | aqua |

\*\*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

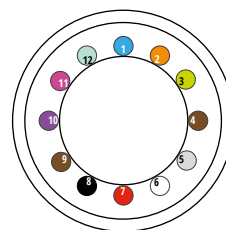


#### T2-TELECOM - LOOSE TUBE IN CABLE (ACCORDING TO EIA 598A)

| Tube  | 1    | 2      | 3     | 4     | 5    | 6     | 7   | 8     | 9      | 10     | 11   | 12   |
|-------|------|--------|-------|-------|------|-------|-----|-------|--------|--------|------|------|
| Code  |      |        |       |       |      |       |     |       |        |        |      |      |
| Color | blue | orange | green | brown | grey | white | red | black | yellow | violet | pink | aqua |

\*\*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

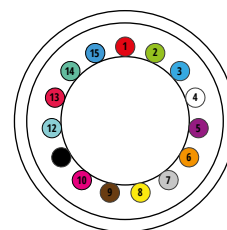


#### T3-TELECOM - LOOSE TUBE IN CABLE ACCORDING TO IEC 60304)

| Tube  | 1   | 2     | 3    | 4     | 5      | 6      | 7    | 8      | 9     | 10   | 11    | 12   | 13           | 14           | 15          |
|-------|-----|-------|------|-------|--------|--------|------|--------|-------|------|-------|------|--------------|--------------|-------------|
| Code  |     |       |      |       |        |        |      |        |       |      |       |      |              |              |             |
| Color | red | green | blue | white | violet | orange | grey | yellow | brown | pink | black | aqua | luminous red | patina green | signal blue |

\*\*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    |
|-------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Code  |     |       |       |       |       |       |       |       |       |       |       |       |
| Color | red | green | white | white | white | white | white | white | white | white | white | white |

\*\*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

