Coding of FOC constructions.

Cable construction part

1) Way of installation

I - indoor

O - outdoor

U - universal

S - ADSS (All Dielectric Self-Supporting)

K - Fig.8 (self-supporting with steel rope messenger)

Q - fire-resistant to IEC 60331-25

M - mini/micro-cable (for blowing to micro-duct)

2) Buffer – secondary protection (LT or TB) type

B9 - 900µm tight buffer (e.g. B9e)

B6 - 600µm tight buffer (e.g. B6t)

e - "easy-stripability" (> 1,5m)

t - "tight-stripability" (5-30cm)

T - gel filled PBT loose-tube (with up to 12 fibres)

Td - dry type PBT loose-tube (with up to 12 fibres)

X - gel filled PBT loose-tube (with up to 24 fibres)

Xd - dry type PBT loose-tube (with up to 24 fibres)

t - flexible loose-tube (with up to 12 fibres)

x - flexible loose-tube (with multiple groups of fibres)

F - FRLSOH dry loose-tube (with fibres)

3) Buffer count & diameter in mm (e.g.: 6x2,3)

1 - unitube (LT) or simplex construction (TB)

2 - 2 loose-tubes (flat LT cable) or duplex construction (TB)

3 - 12 loose-tubes or tight-buffers

4,5,6,8 - number of loose-tubes or tight-buffers

7 - 16(5+11) loose-tubes or tight-buffers (in two layers)

9 - 18(6+12) loose-tubes or tight-buffers (in two layers)

0 - 24(9+15) loose-tubes or tight-buffers (in two layers)

4) Water-blocking

J - jelly filled cable core

5) Strength member(s) in/under sheath

A - aramid yarns

E - e-glass yarns (standard rodent protection)

G - e-glass yarns (improved rodent protection)

R - 2 FRP rods integrated in the outer sheath

D - 2 steel wires integrated in the outer sheath

f - 2 FRP rods under the outer sheath - flat construction

6) Armour

C - corrugated steel tape armour (CSTA)

W - steel wire armour (SWA)

P - fibre reinforced plastic rod armour (FRPA)

Z - laminated aluminium tape under sheath

7) Sheath material

F - FRLSOH (fire-retardant, low-smoke, zero-halogen)

H - HDPE (high-density polyethylene)

L - LDPE (low-density polyethylene)

N - PA (polyamide - nylon)

Y - PVC (polyvinylchloride)

V - PUR (polyurethane)

Fibre count&type part

xx - number of buffers containing fibres

yy - fibre count per each of buffers

zz - fibre type:

Single-mode - **S**	**M**ulti-mode - **M**
S2 - G.652.D	**M1** - OM1 (BW 220/600 MHz.km)
S4 - G.654	**M2** - OM2 (BW 500/500 MHz.km)
S5 - G.655	**M3** - OM3 (BW 1500/500 MHz.km)
S6 - G.656	**M4** - OM4 (BW 3500/500 MHz.km)
S7 - G.657.A1	**M5** - OM5 (BW 3500/500 MHz.km)
S8 - G.657.A2/B2	**M6** - OM2+ (BW 600/1200 MHz.km)
S9 - G.657.A3/B3	

Outer sheath colour

R - red	**V** - violet
E - green	**T** - turquoise
U - blue	**B** - black
Y - yellow	**O** - orange
W - white	**P** - pink
G - grey	**I** - ivory
N - brown	**L** - lime green
H - heather-violet	**M** - olive green

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