Coding of Fiber Optic Cables According to the VDE 0888

Example: **A – D S Q (ZN) 2Y (SR) 2Y 144 E9/125 BLK**

1 – 2 3 4 5 6 7 8 9 10 11

Sheath Colour

Fiber Type
9/125 – SM OS2
50/125 – MM OM2, OM3, OM4
62,5/125 – MM OM1

Fiber Count
Total Fiber Count

Outer Jacket
2Y – PE (Polyethylene)
H – Flame Retardant, Low-smoke, Non-corrosive
11Y – PUR (Polyurethane)
4Y – PA (Polyamide)

Armouring
(SR) – Corrugated Steel Tape
(BN) – Glass Yarn Armour
(Z) – Steel Wire Braiding
B – Steel Wire Armouring

Outer Jacket
2Y – PE (Polyethylene)
H – Flame Retardant, Low-smoke, Non-corrosive
11Y – PUR (Polyurethane)
4Y – PA (Polyamide)

Cable Construction
(ZN) – Peripheral Non-Metallic Strength Member
(BN) – Higher Level of Rodent Protection (Glass Yarn)
(2ZN) – Parallel FRP Member
(L) – Aluminium Tape Under Jacket
(ZM) – Steel Wire in Jacket

Cable Core
F – Jelly Filled Cable Core
Q – Water Swellable Dry Material

S – Metallic Element in Cable Core

Secondary Coating
V – Tight Buffer
D – Gel Filled Loose Tube

Cable Type
J – Indoor Cable
A – Outdoor Cable
J/A; A/J; U – Universal Cable