

CONTACT

Market information
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3,2/3,2 (3,6) kV (SNCF CT456)

V1FV SH cables are used for signalling system. This product range is recommended for tunnels and stations where enhanced fire safety features are required

STANDARDS

Test NF C32-070/C2

DESIGN**1. Conductor**

Stranded plain copper class 2 acc. to IEC 60228

2. Insulation

Cross-linked Polyethylene (XLPE)

3. Assembling

An inner sheath acting as a filler with practically zero thickness

4. Inner sheath

Low smoke, zero halogen (LSZH)

5. Screen

Semi-conductor and copper tape

6. Bedding sheath

Low smoke, zero halogen (LSZH)

7. Armour

Steel tapes

8. Outer sheath

Low smoke, zero halogen (LSZH)

Example of marking: 3.2 V1FV SH Nber of cores & cross-section C.T. 456 LYNXEO
279 WW YY SNCF RESEAU B2ca-s1a, d2, a1 Manufacturing N° + metric marking

Core identification: 3x: natural - black - red



Halogen free
IEC 60754-1



Operating temp.
-20 ... 60 °C



Gases corrosivity
IEC 60754-2



Smoke density
IEC 61034-2



Flame retardant
NFC 32070 C2



Max. conductor temp. in service
90 °C

CHARACTERISTICS**Construction characteristics**

Halogen free	IEC 60754-1
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Usage characteristics

Operating temperature, range	-20 ... 60 °C
Gases corrosivity	IEC 60754-2
Smoke density	IEC 61034-2
Flame retardant	NFC 32070 C2
Max. conductor temperature in service	90 °C

PRODUCTS LIST

Reference	Nb. of cores	Cross section [mm ²]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]
10272288	3	16	28.0	32.4	1500
10272289	3	25	29.5	34.8	1942
10272290	3	35	37.0	39.0	2680
10272681	3	50	38.0	42.0	3325