

SF5008SHNB25

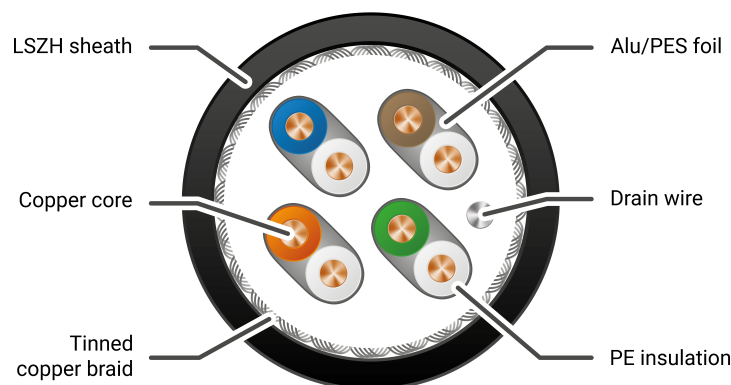
**CAT6A S/FTP 2x4P Black LSZH sheath**  
**B2ca Cable – Drum of 500m**



## DESCRIPTION

SF5008SHNB2 cable, which can be used in a horizontal or vertical configuration, forms the basis of very high-speed voice, data and video networks. Its fire resistance compliant with standard CPR level B2ca allow the cable to be installed for sensitive applications requiring a high level of fire protection.

its double S/FTP type shielding gives it a high electromagnetic immunity (coupling attenuation > 80 dB). Combined with performances exceeding the limits imposed by current



## ADVANTAGES

- Very high electromagnetic immunity
- Available in high CPR level : B2ca s1a, d1, a1



**CONSTRUCTION & TECHNICAL PERFORMANCE**

Core gauge	AWG23
Assembly type	Pairs
Shielding description	Tinned copper braid
Outer Sheath Material	LSZH
Color	Black RAL 9005
Nom. diameter of the outer sheath (mm)	7,6 x 15,7
Ground drain presence	No
Shielding type	S/FTP
Insulation Color Code	Blue and White blue or White - Orange and White orange or White - Green and White green or White - Brown and White brown or White
Nominal insulation diameter (mm)	1,30

**ELECTRICAL CHARACTERISTICS**

Loop resistance	137
Minimum insulation resistance	5000
Linear electrical resistance ( $\Omega$ /Km)	69
Mutual Capacity	< 45 pF
Capacity Imbalance	< 1600 pF/km

**TRANSMISSION CHARACTERISTICS**

Coupling attenuation (dB)	80
Delay skew	< 30
Unbalance resistance	< 2
Propagation speed (%)	79
Segregation Class	D
Performance Category	Category 6A
Data Transmission Standard	ISO 11801 Ed.3 Classe Ea
Characteristic Impedance (Ohms)	100

**MECHANICAL CHARACTERISTICS**

Bending Radius in Fixed Installation	8 x Ø ext
Bending Radius in Mobile Installation	8 x Ø ext

**ENVIRONMENTAL CHARACTERISTIC**

CPR classification	B2ca s1a, d1, a1
Fire behaviour	IEC 60332-1, IEC 60332-3

**ENVIRONMENTAL CHARACTERISTIC**

Smoke emission	IEC 61034-1 & -2
Gas emission	IEC60754-2
RoHS Compliance	Oui
Component Standard	IEC 61156-5 Cat6A

**ADDITIONAL INFORMATION**

Product Packaging	Touret
Weight (Kg)	0.112