

SYT21520SHB2N

**Armored telephone cable 10P AWG24
LSZH black B2ca s1a d1 a1 T1000**



DESCRIPTION

Black LSZH armored telephone cables CPR B2ca s1a d1 a1, non-flame propagating, designed for high-speed digital links up to 800 m. Steel mechanical protection. Standard NF C 93-529-2. Assembled in pairs, concentric layers (< 21 pairs) or bundles ($\geq$ 21 pairs). Intended for industrial, nuclear, petrochemical, maritime environments, etc.



ADVANTAGES

- High-speed digital link telephone cables
- CPR B2ca s1a d1 a1
- LSZH
- Steel armor: protection against shocks and rodents
- Black sheath

AXCITY
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Updated: 26/06/2026

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CONSTRUCTION & TECHNICAL PERFORMANCE

Product Type	SYT2 LSZH B2ca Noir
Construction (mm ²)	15 x 2 x AWG20
Conductor material	Bare copper
Conductor cross-section	AWG20
Core gauge	AWG20
Core composition	solid conductor
Insulation Material	LSZH Compound
Insulation Identification Method	NF C93-529
Assembly type	Pairs
Overall Shielding	Alu/pes tape with drain wire
Inner Sheath Material	LSZH
Overall Armor	Double steel tape
Outer Sheath Material	LSZH
Ripcord	Yes
Color	Black
Nom. diameter of the outer sheath (mm)	16.5
Weight (Kg/Km)	470

ELECTRICAL CHARACTERISTICS

Service Voltage (V)	100 V
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TRANSMISSION CHARACTERISTICS

Propagation speed (%)	66
Characteristic Impedance (Ohms)	100 Ohms

MECHANICAL CHARACTERISTICS

Bending Radius in Fixed Installation	15 x Ø ext
Bending Radius in Mobile Installation	30 x Ø ext

ENVIRONMENTAL CHARACTERISTIC

CPR classification	B2ca s1a, d1, a1
Fire behaviour	IEC 60332-1, IEC 60332-3-24 Cat. D
UV Resistance	Yes
Installation Temperature	0°C
Fixed Use Temperature	-30°C / +70°C
Mobile Use Temperature	-5°C / +70°C
Halogen-free Standard	IEC 60754-1/-2 IEC 61034-2

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ADDITIONAL INFORMATION

Product Packaging

Drum of 1000m