

SYT2xySHB2Nz

**SYT armored digital telephone cable LSZH
B2ca s1a d1 a1, black sheath****DESCRIPTION**

Black LSZH armored telephone cables CPR B2ca s1a d1 a1, flame retardant, for high-speed digital links up to 800 m. Steel mechanical protection. Compliant with NF C 93-529-2. Assembled in pairs, concentric layers (< 21 pairs) or bundles (> 21 pairs). Designed 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
/ ADALTRA**CONSTRUCTION & TECHNICAL PERFORMANCE**

Core gauge	AWG20
Conductor material	Bare copper
Ripcord	No
Insulation Material	LSZH Compound
Insulation Identification Method	NF C93-529
Overall Shielding	Alu/pes tape with drain wire
Inner Sheath Material	LSZH
Outer Sheath Material	LSZH
Overall Armor	Double steel tape
Color	Black
Nom. diameter of the outer sheath (mm)	9.8
Construction (mm ²)	3 x 2 x AWG20

ELECTRICAL CHARACTERISTICS

Service Voltage (V)	100 V
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TRANSMISSION CHARACTERISTICS

Propagation speed (%)	66
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TRANSMISSION CHARACTERISTICS

Characteristic Impedance (Ohms)	100 Ohms
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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
UV Resistance	Yes
Fixed Use Temperature	-30°C / +70°C
Mobile Use Temperature	-5°C / +70°C
Installation Temperature	0°C
Fire behaviour	IEC 60332-1, Iec 60332 3 24 Cat. of
Halogen-free Standard	IEC 60754-1/-2 IEC 61034-2

ORDER INFORMATION

REFERENCE	CONSTRUCTION	Ø SHEATH NOM (MM)	WEIGHT (KG/KM)
SYT2220SHB2N	2x2xAWG20	9.3	35
SYT2320SHB2N	3x2xAWG20	9.8	60
SYT2520SHB2N	5x2xAWG20	11.0	75
SYT2720SHB2N	7x2xAWG20	12.2	100
SYT21020SHB2N	10x2xAWG20	14.6	150
SYT21520SHB2N	15x2xAWG20	16.5	190
SYT22120SHB2N	21x2xAWG20	21.3	260
SYT23020SHB2N	30x2xAWG20	23.0	345
SYT2524SHB2N	5x2xAWG24	8.9	36
SYT2724SHB2N	7x2xAWG24	10.1	43
SYT21024SHB2N	10x2xAWG24	11.4	65
SYT21524SHB2N	15x2xAWG24	12.8	80
SYT22124SHB2N	21x2xAWG24	14.2	120
SYT23024SHB2N	30x2xAWG24	17.3	165