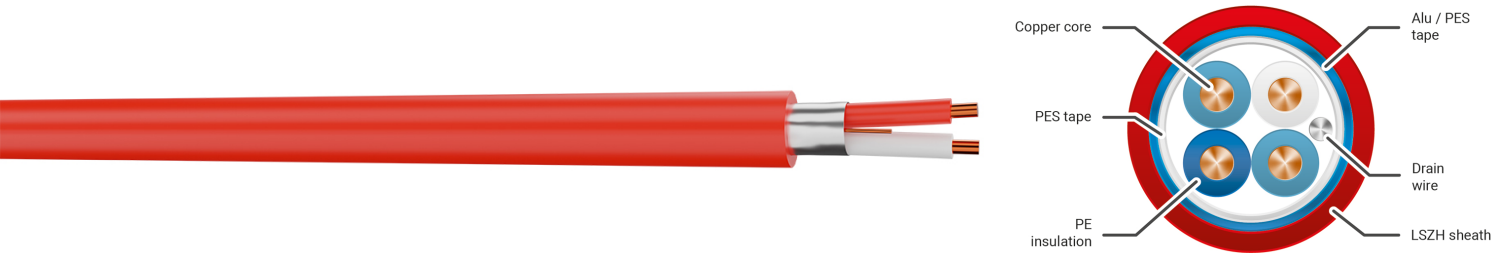


SYTxx20SHCRzz

SYT FIRALARM® LSZH Cca s1,d1,a1 red telephone cable**DESCRIPTION**

SYT FIRALARM® SHC AWG20 cables are designed for teletransmission between SSI detectors and the fire safety system control panel. Their outer sheath is red LSZH, CPR Cca s1,d1,a1.

**ADVANTAGES**

- LSZH
- CPR Cca s1d1a1
- Color: Red SSI circuit

**CONSTRUCTION & TECHNICAL PERFORMANCE**

Core gauge	AWG20
Conductor material	Bare copper
Insulation Material	LSZH Compound
Insulation Identification Method	NF C93-529
Overall Shielding	Alu/pes tape with drain wire
Outer Sheath Material	LSZH
Color	Red
Nom. diameter of the outer sheath (mm)	6
Construction (mm²)	2 x 2 x AWG20

ELECTRICAL CHARACTERISTICS

Service Voltage (V)	100 V
Linear electrical resistance (Ω /Km)	AWG20: ≤ 40.5 Ohms/km AWG24: ≤ 101 Ohms/km

TRANSMISSION CHARACTERISTICS

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

MECHANICAL CHARACTERISTICS

Bending Radius in Fixed Installation	8 x Ø ext
Bending Radius in Mobile Installation	15 x Ø ext

ENVIRONMENTAL CHARACTERISTIC

CPR classification	Cca s1, d1, a1
UV Resistance	NO
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
Fire Behavior Type	Flame retardant IEC 60332-1 Fire retardant IEC 60332-3-24
Halogen-free Standard	IEC 60754-1/-2 IEC 61034-2

ORDER INFORMATION

REFERENCE	CONSTRUCTION	Ø SHEATH NOM (MM)	WEIGHT (KG/KM)
SYT120SHCR	1x2xAWG20	3.8	25.0
SYT220SHCR	2x2xAWG20	6.0	50.0
SYT320SHCR	3x2xAWG20	6.4	55.0