

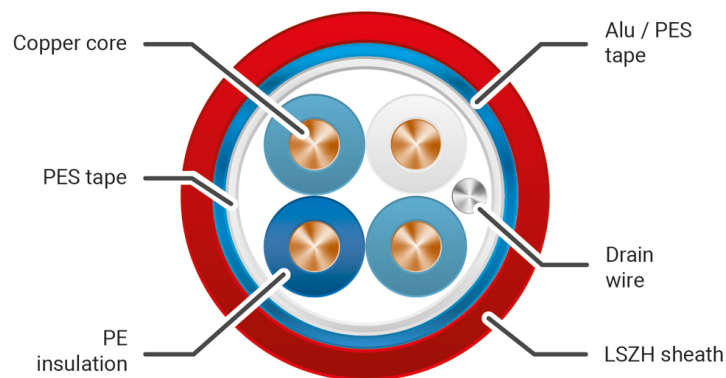
SYT120SHCR1

**SYT FIRALARM® SH Cca s1d1d1 red  
cable - 1 pair AWG20 - 100m coil**



## DESCRIPTION

SYT FIRALARM® SHC AWG20 cables are designed for alarm teletransmission and connections between smoke detectors and the control panel. Their outer sheath is red LSZH, CPR Cca s1d1a1.



## ADVANTAGES

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

**AXCITY**  
/ ADALTRA

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**CONSTRUCTION & TECHNICAL PERFORMANCE**

|                                        |                              |
|----------------------------------------|------------------------------|
| Product Type                           | SYT LSZH Cca Rouge           |
| Construction (mm <sup>2</sup> )        | 1 x 2 x AWG20                |
| Conductor material                     | Bare copper                  |
| Conductor cross-section                | AWG20                        |
| Core gauge                             | AWG20                        |
| Core composition                       | solid conductor              |
| Insulation Material                    | LSZH Compound                |
| Assembly type                          | Pairs                        |
| Overall Shielding                      | Alu/pes tape with drain wire |
| Outer Sheath Material                  | LSZH                         |
| Color                                  | Red                          |
| Nom. diameter of the outer sheath (mm) | 3.8                          |
| Weight (Kg/Km)                         | 23                           |

**TRANSMISSION CHARACTERISTICS**

|                       |    |
|-----------------------|----|
| Propagation speed (%) | 66 |
|-----------------------|----|

**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                                                     |
| Fire behaviour         | IEC 60332-1, IEC 60332-3-24 Cat. D                                 |
| Fire Behavior Type     | Flame retardant<br>IEC 60332-1<br>Fire retardant<br>IEC 60332-3-24 |
| UV Resistance          | NO                                                                 |
| Fixed Use Temperature  | -30°C / +70°C                                                      |
| Mobile Use Temperature | -5°C / +70°C                                                       |
| Halogen-free Standard  | IEC 60754-1/2 IEC 61034-2                                          |

**ADDITIONAL INFORMATION**

|                   |              |
|-------------------|--------------|
| Product Packaging | Coil of 100m |
|-------------------|--------------|