



## Cables for Intrusion Detection and Fire Systems

### Cable J-H (St) H

#### Overview

These cables are commonly used in fixed installation signal and data on telephone circuits, access control, alarms, etc. The version with red outer sheath serves to visually identify the fire alarm system circuits. Electrostatic shield (St) protects the transmission from outside interference.

#### TECNICAL DATA

##### Standards

DIN VDE 0815

##### Conductor

Solid bare copper, class 1

##### Insulation

LSZH

##### Core Identification

Pair 1 – Red + Blue

Pair 2 – Red + Black; White + Yellow

Pair 3 – Red + Blue; White + Yellow; White + Green

Pair 4 – Red + Blue; White + Yellow; White + Green;  
White + Brown

##### Strapping

Polyester tape

##### Shield

Aluminum/Polyester tape, coverage 100%

##### Drain Wire

Bare copper

##### Outer Sheath

LSZH

##### Color

Grey (RAL 7001) or red (RAL 3000)

##### Tests

Self-extinguishing and flame retardant according to IEC 60332-1

Fire retardant IEC 60332-3

Halogen free IEC 60754-1

Non-corrosive gas IEC 60754-2

Low smoke emission IEC 61034

##### Printing

"Manufacturer" J-H (St) H (no. pairs) x (cross section mm<sup>2</sup>)  
(length mt) (year of manufacture) CE

##### Operating Voltage

300V

**Table:** No. Pairs, diameter and weight for each cable of intrusion detection and fire system type J-H (St) H.

No. Pairs x cross sec.[mm]	Ø Outer [mm]	Weight [kg/km]
1x2x0.8	4.9	30
2x2x0.8	5.5	48
3x2x0.8	7.5	73
4x2x0.8	8.2	93