

H(St)H B2ca-s1,d1,a1 1x2x1 mm²

MOIB-PSA00-B01-552

version: UK-5-11-2019

Halogen free screened signal cables

General Description

Application

Signal cable for application in fire alarm systems

General Construction

solid conductors

LSZH wire insulation

foil screened with drainwire

LSZH jacket with flame retardant properties

Marking

HOF KABELFABRIEK BV H(St)H B2ca-s1,d1,a1 1x2x1 mm² BATCH #####

with ##### the reference of the production batch

Core coding

according NEN 1597 red and blue

Characteristics

Construction details

conductor	1 mm ² = 1,12 mm bare koper
aderisolatie	LSZH
diameter	2,0 mm
construction	cores are twisted with lay length ± 100 mm
wrapping foil	polyester
drain wire	0,8 mm tin plated copper
screening	aluminiumpolyester foil
jacket	LSZH
colour	red
nominal diameter	5,7 mm
weight	50 kg/km

Electrical Properties

conductor resistance	19 Ohm/km
capacity	140 nF/km
inductivity	< 1 mH/km
working voltage	300 V (not for power application)
test voltage	1000 V
insulation resistance	> 1000 MOhm.km

Mechanical Properties

flexibility	solid, only for a fixed application
-------------	-------------------------------------

Other properties

Fire classification (CPR)	B2ca-s1,d1,a1
Declaration of Performance	DOP-MOIB-PSA00-B01-552
Halogen free	yes
ROHS compliant	yes
REACH compliant	yes



H(St)H B2ca-s1,d1,a1 1x2x1 mm²

M01B-PSA00-B01-552

Usage

Bending radius	6 x O.D.
Applation	fixed
Temperature during installation	-5°C + 50°C
Temperature during procesconditions	-30°C + 70°C

Remark

All data in this document such as dimensions, weight and electrical values have been calculated or measured with great care. However the actual values may differ. No rights can be derived from the information in this document. If there are any comments on this document, please let us know.