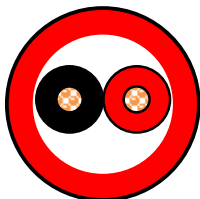
	TECHNICAL DATA SHEET		code	YE05281
			version	3
	2x1.0mm² FRNC /LSNH		date	8-12-2021
			page	1/2

CONSTRUCTION



1. Conductor

Material 32x0.2 stranded bare copper
Cross section 1.0 mm²

2. Insulation

Material FRNC/LSNH
Diameter over insulation 2.0 mm
Colour of insulation Black and red

3. Cable core

2 wires twisted together with
Minimum 18 twist /m

4. Sheath

Material FRNC/LSNH
Nominal diameter 5.70 mm
Colour Red with yellow print
Print legend (once each meter) FIRE & VOICE ALARM 2x1mm² BELDEN
YE05281 Cca-s1,d1,a1 "WWYY" +
"METERMARKING"

REQUIREMENTS AND TEST METHODS

Electrical:

Maximum resistance conductor @ 20 °C 19.5 Ω/km
Test voltage 1500V
Minimum insulation resistance 1000 Mohm*km
Voltage rating 300 V RMS

Mechanical and physical:

Flame resistance IEC 60332-1-2
Reaction to fire according EN 50575 Cca-s1,d1,a1 to be tested
Temperature range processing and operating -20 to +70 °C
Minimum bending radius 57 mm
Halogen content IEC 60754-1
Corrosivity of fire gasses IEC 60754-2
Conductivity ≤ 2.5 μS/mm
pH value ≥ 4.3
Smoke emission IEC 61034-2

Belden declares this product to be in compliance with the environmental regulations EU RoHS (Directive 2011/65/EU, 02 Jan. 2013); this is valid for all material produced after the RoHS compliant date for this product.

