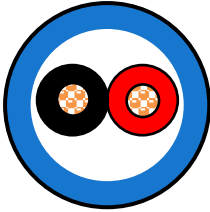
	<b>TECHNICAL DATA SHEET</b>	code	<b>YE05607</b>
		version	<b>1</b>
	2x1.5mm <sup>2</sup> FRNC FRNC	date	<b>25-3-2025</b>
		page	<b>1/2</b>

## CONSTRUCTION



- |                               |                              |
|-------------------------------|------------------------------|
| <b>1. Conductor</b>           |                              |
| Material                      | 30x0.25 Stranded bare copper |
| Cross section                 | 1.5 mm <sup>2</sup>          |
| <b>2. Insulation</b>          |                              |
| Material                      | LSZH                         |
| Diameter over insulation      | 2.40 mm                      |
| Colour of insulation          | Black and red                |
| <b>3. Cable core</b>          |                              |
|                               | 2 wires twisted together     |
|                               | Minimum 20 twist /m          |
| <b>4. Sheath (easy strip)</b> |                              |
| Material                      | FRNC/LSNH                    |
| Nominal diameter              | 6.60 mm                      |
| Colour                        | Blue similar RAL5015         |
| Print legend on red jacket:   | t.b.d.                       |

## REQUIREMENTS AND TEST METHODS

### Electrical:

Maximum resistance conductor @ 20 °C	13.3 Ω/km
Nominal capacitance @1kHz	85 pF/m
Test voltage	2000V
Minimum insulation resistance	100 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
Temperature range processing and operating	-20 to +70 °C
Minimum bending radius	66 mm
Halogen content	IEC 60754-1
Corrosivity of fire gasses	IEC 60754-2
Conductivity	≤ 25 μS/cm
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.

