	<b>TECHNICAL DATA SHEET</b>	code	<b>4300UE</b>
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## APPLICATION

Commercial applications

## CONSTRUCTION



### 1. Conductor

Diameter of conductor 1.22mm (AWG18)  
Material stranded bare copper (7xAWG26)

### 2. Insulation

Material PE  
Diameter over insulation 1.72 ± 0.05 mm  
Wallthickness 0.25 mm

### 3. Overall Cabling

Colour code black – red


### 4. Sheath

Material FRNC  
Colour Grey  
Nominal thickness of sheath 0.38 mm  
Diameter over sheath 4.1 ± 0.30 mm

## REQUIREMENTS AND TEST METHODS

### Electrical:

Nominal resistance conductor	21.3 Ω/km
Nom. capacitance conductor to conductor @ 1kHz	100 pF/m
Testvoltage conductor-conductor	2500 VDC, 3 seconds
Voltage rating	300 V RMS
Maximum continues current per conductor @ 25 °C	5 A per conductor @ 25 °C

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**Mechanical and physical:**

Flame resistance	u.c.
Temperature range processing and operating	-20 to +70 °C
Temperature range storage	-30 to +70 °C
Minimum bending/setting radius	5*D/10*D
Maximum pulling tension	20 N
Halogen free according to	IEC 60754-1
Non dense smoke according to	IEC 61034-1 and 61034-2
Non corrosive gas according to	IEC 60754-2
Flame Retardant according to	IEC 60332-1

**MARKING**

NEW GENERATION(R) BY BELDEN 4300UE HALOGEN FREE 70C 2C18 + sequential meter marking.



Belden CDT believes this product to be in compliance with the environmental regulations EU RoHS (Directive 2002/95/EC, 27 January 2003); this is valid for all material produced after the RoHS compliant date for this product.