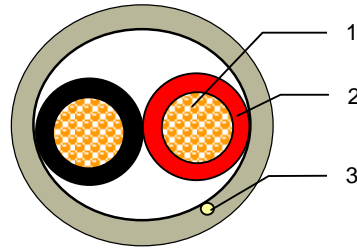


## 4200UE

**Commercial applications**  
**AWG16 (19xAWG29) stranded**  
**Polyolefin insulation**  
**FRNC sheath**



## Applications

- Commercial applications.

## Construction & Dimensions

### 1. Inner Conductor

Material: Stranded bare copper  
Diameter: 1.5mm AWG16 (19xAWG29)

### 2. Insulation

Material: Polyolefin  
Diameter over insulation:  $1.80 \pm 0.05$  mm  
Wall thickness: 0.2 mm  
Overall Cabling: 2 wires stranded  
Colour code: black – red

### 3. Sheath

Material: FRNC  
Colour: Grey  
Nominal thickness: 0.4 mm  
Nominal diameter: 4.6 mm  
Ripcord: Provided under the sheath

### Mechanical characteristics

Parameter	Specification	Unit
Flame Retardant according to	IEC 60332-1	
Halogen free according to	IEC 60754-1	
Non corrosive gas according to	IEC 60754-2	
Non dense smoke according to	IEC 61034	
Temperature range processing and operating	-20 to +70	°C
Temperature range storage	-30 to +70	°C
Maximum pulling tension	25	N
Minimum bending/setting radius	5*D/10*D	

### Electrical characteristics

Parameter	Specification	Unit
Nominal resistance conductor	13.8	Ω/km
Nom. capacitance conductor to conductor @ 1kHz	105	pF/m
Test voltage conductor-conductor	2500	VDC,3 seconds
Voltage rating	300	V RMS
Maximum continues current per conductor @ 25 °C	6.25	A per conductor

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.

