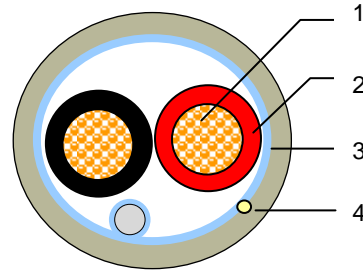


4200FE

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



Applications

- Commercial applications.

Construction & Dimensions

1. Inner Conductor	
Material	Stranded bare copper
Size	AWG16 (19xAWG29)
Diameter	1.45 mm
2. Insulation	
Material	Polyolefin
Diameter over insulation	1.80 ± 0.05 mm
Wall thickness	0.2 mm
Overall Cabling	2 wires stranded
Colour code	black – red
3. Outer shield	
Shield	Beldfoil®)
Shield Material	Aluminium / Polyester tape
Shield Thickness Alu	9 µm
Shield coverage	100%
Drain wire	AWG24/7stranded tinned copper
4. Sheath	
Material	FRNC
Colour	Grey
Nominal thickness	0.4 mm
Nominal diameter	4.7 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	200	N
Minimum bending/setting radius	5*D/10*D	

Electrical characteristics

Parameter	Specification	Unit
Nominal resistance conductor	13.1	Ω/km
Nominal resistance shield	15.4	Ω/km
Nom. capacitance conductor to conductor @ 1kHz	250	pF/m
Nom. capacitance cond. to shield + other cond. @ 1kHz	450	pF/m
Test voltage conductor-conductor	2500	VDC,3 seconds
Test voltage conductor-screen	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.