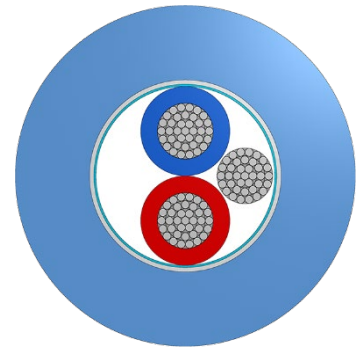


# Data cable

## Type 4021CC



### Construction characteristics

<b>2 x Conductor</b>	1.00 mm <sup>2</sup> (32/0.20 mm) Tinned Copper XLPE Insulated 0.40 mm nom RTI OD: 2.10 mm Colour: BU RD
<b>Lay up</b>	Conductors twisted together with Tinned Copper drain wire and filler in interstices Overall helical 12/23µm Al/PET foil screen, minimum overlap 50% Non-woven Polyester Tissue tape, minimum overlap 50% OD: 4.50 mm
<b>Jacket</b>	Polyether Polyurethane, 85 Shore A, Halogen Free, 1.75 mm nom RTI OD: 8.00 mm +/-0.30 Colour: BU

### Mechanical characteristics

<b>Max. operating temp</b>	
Static	+90°C
Dynamic	+80°C
<b>Cold flex temp</b>	-40°C
<b>Depth rating</b>	3,000 m
<b>Min. recommended bend radius</b>	
Static	95 mm
Dynamic	120 mm
<b>Nominal weight</b>	
In air	76 kg/km
In seawater	26 kg/km at SG 1.025

## Electrical characteristics

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### 1.00 mm<sup>2</sup> conductors

Max. conductor resistance	19.20 $\Omega$ /km at 20°C
Voltage rating	1,000 V DC
Test voltage	4,000 V DC for 1 minute
Capacitance	90 pF/m nom
Impedance	65 +/- 5 $\Omega$ at 1 - 10 MHz
Inductance	1 mm <sup>2</sup> 0.62 $\mu$ H/m

### Attenuation at

1 MHz	4.5 dB/100 m
10 MHz	11.5 dB/100 m

### Min. insulation resistance

Core - Core	> 500 M $\Omega$ /km at 250V
Core - Screen	> 10 M $\Omega$ /km at 250V

### In compliance with

CE, UK CA, UK NI, RoHS, LVD  
PFAS-free