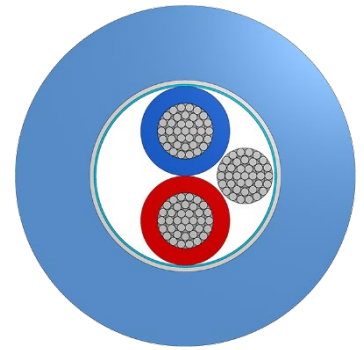


Data cable Type 4021CC



Construction characteristics

2 x Conductor	1.00 mm ² (32/0.20 mm) Tinned Copper XLPE Insulated 0.40 mm nom RTI OD: 2.10 mm Colour: BU RD
Lay up	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
Jacket	Polyether Polyurethane, 85 Shore A, Halogen Free, 1.75 mm nom RTI OD: 8.00 mm +/-0.30 Colour: BU

Mechanical characteristics

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

Electrical characteristics

1.00 mm² conductors

Max. conductor resistance	19.20 Ω/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 Ω at 1 - 10 MHz
Inductance	1 mm ² 0.62 μH/m

Attenuation at

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

Min. insulation resistance

Core - Core	> 500 MΩ/km at 250V
Core - Screen	> 10 MΩ/km at 250V

In compliance with

CE, UK CA, UK NI, RoHS, LVD