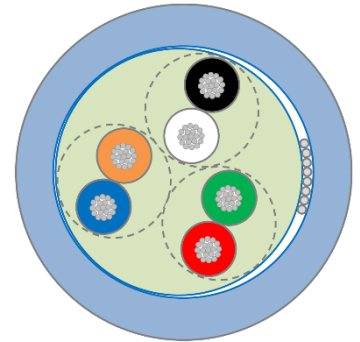


Data cable

Type 1735CC



Construction characteristics

3 x Twisted pairs	0.22 mm ² (19/0.127 mm) Tinned Copper Strand, FEP insulated to 0.35 mm RTI, 1.30 ± 0.05 mm O/D, Two of these twisted together on differential lays 10 mm, 13 mm, 15 mm. OD: 2.60 mm Colour: BK/WH GN/RD OR/BU
Lay-up and overall screen	The 3 twisted pairs are cabled together. All voids are filled with vulcanized silicone rubber compound. Overall helical Alu/PET foil screen, nominal overlap 50%, Alu face IN with 8x0.20mm tinned copper drain wires, flat laid between the foil and binding tape. OD: 5.00 mm
Jacket	Polyether Polyurethane, 75 Shore A, Halogen Free, 1.50 mm nom RTI. OD: 8.00 mm ± 0.25 Colour: BU, RAL 5015

Mechanical characteristics

Max. operating temp (core insulation)	+220°C
Max. operating temp (cable)	
Static	+90°C
Dynamic	+80°C
Cold flex temp	-40°C
Depth rating	8,000 m
Min. recommended bend radius	
Static	50 mm
Dynamic	150 mm
Nominal weight	
In air	102 kg/km
In seawater at SG 1.025	51 kg/km

Electrical characteristics

Conductors

Max. conductor resistance	82.00 Ω /km at 20°C
Voltage rating	600/1000 V
Test voltage	2,500 V DC for 1 minute
Max. recommended current/conductor	5 Amps
Nominal Capacitance	52 pF/m
Nominal Characteristic Impedance	100 Ω

Min. insulation resistance

Core - Core	> 2.00 G Ω /km
Core - Screen	> 1.00 G Ω /km

In compliance with CE, UKCA, RoHS, LVD

Max. Continuous Length 2500 m