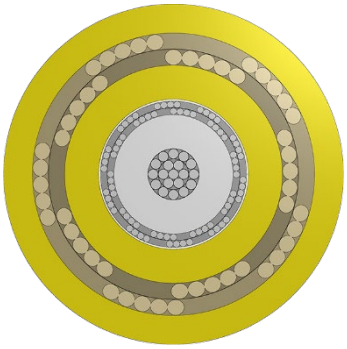
Special cable
Type 5025KCC



Construction characteristics

1 x Conductor	1.34 mm² (19/0.30 mm) Tinned Copper Foam Polyolefin, 1.00 mm nom RTI OD: 3.50 mm Colour: NAT
Overall screen	0.10 mm Tinned Copper Braid Minimum optical coverage 85% Overall helical PET separation tape, minimum overlap 50% OD: 4.00 mm
Bedding	Polyether Polyurethane, 85 Shore A, Halogen Free, 1.20 mm nom RTI OD: 6.40 mm Colour: YW
Strength member	Vectran® fibre braid, 24/4/2/1,666 dTex 40 mm pitch OD: 8.30 mm
Jacket	Polyether Polyurethane, 85 Shore A, Halogen Free, 0.85 mm nom RTI OD: 10.00 mm +/-0.20 Colour: YW

Mechanical characteristics

Max. operating temp	
Static	+90°C
Dynamic	+80°C
Cold flex temp	-40°C
Min. break load	25 kN
Max. working load	4 kN
Depth rating	6,000 m
Min. recommended bend radius	100 mm
Nominal weight	
In air	99 kg/km
In seawater	19 kg/km at SG 1.025

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Electrical characteristics

1.34 mm² conductors	
Max. conductor resistance	14.50 Ω/km at 20°C
Voltage rating	400 V
Test voltage	2,000 V DC for 1 mimute
Impedance	50 Ω
Capacitance	94 pF/m
Attenuation at	
1 MHz	10 dB/km
Min. insulation resistance	
Core - Core	> 1.00 GΩ/km at 500 V
Core - Screen	> 500 MΩ/km at 500 V
In compliance with	CE, UK CA, UK NI, RoHS, REACH, LVD
	PFAS-free

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