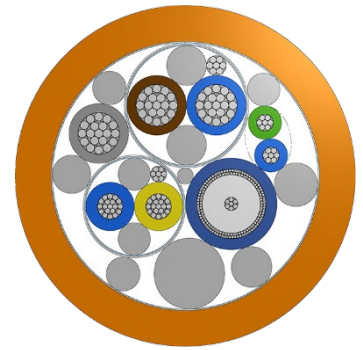


# Coax hybrid cable Type 6011CC



## Construction characteristics

<b>1 x Screened pair</b>	1.34 mm <sup>2</sup> (19/0.30 mm) Tinned Copper HDPE Insulated, 0.32 mm Nom RTI The 2 are twisted together with fillers in interstices and 7/0.25 mm tinned copper drain wire 12/12µm Ali/Poly Helical Foil Screen Helical 50µm PET Isolation Tape OD: 4.40 mm Colour: BN BU
<b>1 x Screened pair</b>	0.50 mm <sup>2</sup> (16/0.20 mm) Tinned Copper Polyolefin Insulated, 0.41 mm Nom RTI The 2 are twisted together with fillers in interstices and 7/0.20 mm tinned copper drain wire 12/12µm Ali/Poly Helical Foil Screen Helical 50µm PET Isolation Tape OD: 3.60 mm Colour: BU YW
<b>1 x Twisted pair</b>	0.22 mm <sup>2</sup> (7/0.20 mm) Tinned Copper Polyolefin Insulated, 0.30 mm Nom RTI The 2 are twisted together OD: 2.40 mm Colour: GN BU
<b>1 x Coaxial cable</b>	D0624 0.14 mm <sup>2</sup> (7/0.16 mm) Tinned Copper Polyolefin Dielectric at 2.10 mm Tinned Copper Secondary Conductor HDPE Jacket OD: 3.30 mm Colour: BU
<b>1 x primary core</b>	1.34 mm <sup>2</sup> (19/0.30 mm) Tinned Copper HDPE Insulated, 0.32 mm Nom RTI OD: 2.15 mm +/- 0.10 Colour: GY
<b>Lay up</b>	All conductors are twisted together with 0.24 mm <sup>2</sup> (19/0.127 mm) tinned copper drain wire and multifilament fillers in interstices. OD: 8.30 mm
<b>Overall screen</b>	Overall Screen 12/23µm Ali/Poly Helical Foil Screen Nominal overlap 50% OD: 8.40 mm
<b>Jacket</b>	Polyurethane 1185, 1.30 mm Nominal RTI, 87 Shore A OD: 11.00 mm +/- 0.50 Colour: OR

## Mechanical characteristics

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<b>Max. operating temp</b>	+70°C
<b>Cold flex temp</b>	-40°C
<b>Min. recommended bend radius</b>	165 mm
<b>Nominal weight</b>	
In Air	173 kg/km
In seawater	62 kg/km at SG 1.025

## Electrical characteristics

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<b>1.34 mm<sup>2</sup> screened pair</b>	
Max. conductor resistance	14.5 Ω/km
Max. current/conductor	22 A
<b>0.50 mm<sup>2</sup> screened pair</b>	
Max. conductor resistance	40.1 Ω/km
Max. current/conductor	5 A
<b>0.22 mm<sup>2</sup> twisted pair</b>	
Max. conductor resistance	88.2 Ω/km
<b>0.14 mm<sup>2</sup> Coaxial cable</b>	
Nominal impedance	75 Ω
Nominal capacitance	55 pF/m
Max. inner conductor resistance	130 Ω/km
<b>1.34 mm<sup>2</sup> primary</b>	
Max. conductor resistance	14.5 Ω/km
Max. current/conductor	22 Amps
<b>Min. insulation resistance</b>	
Core – Core	> 500 MΩ
Core – Screen	> 250 MΩ
Screen – Screen	> 10 MΩ
<b>In compliance with</b>	CE, UK CA, UK NI, RoHS, LVD PFAS-free