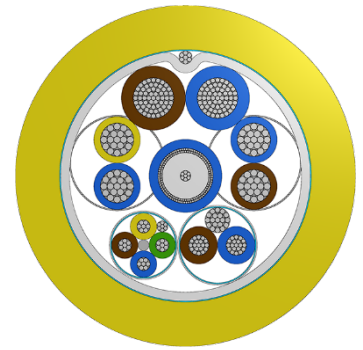


Coax hybrid cable

Type 6013CC



Construction characteristics

1 x Coaxial cable	D0624 0.14 mm ² (7/0.16 mm) Tinned Copper Polyolefin Dielectric at 2.10 mm Tinned Copper Secondary Conductor HDPE Jacket OD 3.30 mm Colour: BU
2 x Conductors	2.00 mm ² (63/0.20 mm) Tinned Copper XLPE Insulated, 0.55 mm nom RTI OD: 2.90 mm Colour: BN BU
2 x Twisted pairs	1.34 mm ² (19/0.30 mm) Tinned Copper XLPE Insulated to 2.10 mm 2 off these and twisted together, 60 mm lay length Overall helical PET binding tape, minimum overlap 50% OD: 4.30 mm Colour: BU/BN YW/BU
1 x Screen twisted pair	0.50 mm ² (16/0.20 mm) Tinned Copper XLPE Insulated to 1.70 mm 2 off these and twisted together with Tinned Copper drain wire in interstices Overall helical 12/23µm Al/PET foil screen, minimum overlap 50% Overall helical PET isolation tape, minimum overlap 50% OD: 3.60 mm Colour: BN/BU
1 x Screened quad	0.22 mm ² (7/0.20 mm) Tinned Copper XLPE Insulated to 1.20 mm 4 off these and twisted around central filler with Tinned Copper drain wire in interstices Overall helical 12/23 µm Al/PET foil screen, minimum overlap 50% Overall helical PET isolation tape, minimum overlap 50% OD: 3.10 mm Colour: YW GN BU BN
Lay up	The conductors, twisted pairs, screened twisted pairs and screened quad are twisted around the coaxial cable Overall water swellable tape, minimum overlap 50% Tinned Copper drain wire pulled under Overall helical 12/23µm Al/PET foil screen, minimum overlap 50% OD: 11.10 mm
Jacket	Polyether Polyurethane, 85 Shore A, Halogen Free, 2.00 mm nom RTI OD: 15.10 mm +/- 0.40 Colour: YW

Mechanical characteristics

Max. operating temp	
Static	+90°C
Dynamic	+80°C
Cold flex temp	-40°C
Depth rating	5,000 m
Min. recommended bend radius	
Static	116 mm
Dynamic	218 mm
Nominal weight	
In air	258 kg/km
In seawater	75 kg/km at SG 1.025

Electrical characteristics

2.00 mm² conductors	
Max. conductor resistance	9.80 Ω/km at 20°C
1.34 mm² conductors	
Max. conductor resistance	14.50 Ω/km at 20°C
0.50 mm² conductors	
Max. conductor resistance	38.60 Ω/km at 20°C
0.22 mm² conductors	
Max. conductor resistance	88.20 Ω/km at 20°C
Min. insulation resistance	
Core - Core	> 1.00 GΩ/km
Core – Screen	> 500 MΩ/km
Voltage Rating Uo/U	600/1,000 Vrms
In compliance with	CE, UK CA, UK NI, RoHS, LVD