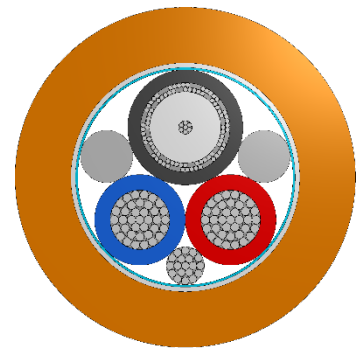


# Coax hybrid cable Type 6075CC



## Construction characteristics

<b>1 x Coaxial cable</b>	<p>RG179            0.08 mm<sup>2</sup> (7/0.12 mm) Tinned Copper PE insulated to 1.60 mm            Secondary Conductor: Tinned Copper Braid            LSZH Jacket            OD: 2.54 mm            Color: BK</p>
<b>2 x Conductors</b>	<p>1.00 mm<sup>2</sup> (32/0.20 mm) Tinned Copper XLPE Insulated 0.30 mm nom RTI            OD: 2.00 mm            Colour: BU RD</p>
<b>Lay up</b>	<p>Coaxial cable and conductors twisted together with 0.50 mm<sup>2</sup> (16/0.20 mm)            Tinned Copper drain wire and fillers in interstices            Overall helical 12/23µm Al/PET foil screen, minimum overlap 50%            Non-woven Polyester Tissue tape, minimum overlap 30%            OD: 5.00 mm</p>
<b>Jacket</b>	<p>Polyether Polyurethane, 85 Shore A, Halogen Free, 1.25 mm nom RTI            OD: 7.50 mm +/-0.25            Colour: OR</p>

## Mechanical characteristics

<b>Max. operating temp</b>	
Static	+90°C
Dynamic	+80°C
<b>Cold flex temp</b>	-40°C
<b>Depth rating</b>	5,000 m
<b>Min. recommended bend radius</b>	
Static	50 mm
Dynamic	60 mm
<b>Nominal weight</b>	
In air	78 kg/km
In seawater	33 kg/km at SG 1.025

## Electrical characteristics

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**RG179B/U coaxial cable**

Conductor resistance	239.50 $\Omega$ /km at 20°C
Characteristic impedance	75 $\Omega$
Capacitance	60 pF/m

**Attenuation at**

50 MHz	13.30 dB/100 m Nom
100 MHz	20.40 dB/100 m Nom
200 MHz	29.70 dB/100 m Nom
400 MHz	43.00 dB/100 m Nom
1000 MHz	74.90 dB/100 m Nom

**1.00 mm<sup>2</sup> conductors**

Max. conductor resistance	19.20 $\Omega$ /km at 20°C
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**Min. insulation resistance**

Core - Core	> 1.00 G $\Omega$ /km
Core - Screen	> 500 M $\Omega$ /km

**Voltage rating U<sub>o</sub>/U**600/1,000 V<sub>rms</sub>**Max. recommended current/  
conductor**

10 A

**In compliance with**CE, UK CA, UK NI, RoHS, LVD  
PFAS-free