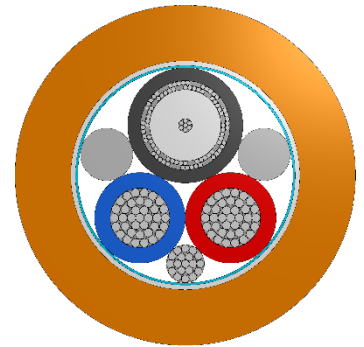


Coax hybrid cable

Type 6075CC



Construction characteristics

1 x Coaxial cable	<p>RG179 0.08 mm² (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>
2 x Conductors	<p>1.00 mm² (32/0.20 mm) Tinned Copper XLPE Insulated 0.30 mm nom RTI OD: 2.00 mm Colour: BU RD</p>
Lay up	<p>Coaxial cable and conductors twisted together with 0.50 mm² (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>
Jacket	<p>Polyether Polyurethane, 85 Shore A, Halogen Free, 1.25 mm nom RTI OD: 7.50 mm +/-0.25 Colour: OR</p>

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	50 mm
Dynamic	60 mm
Nominal weight	
In air	78 kg/km
In seawater	33 kg/km at SG 1.025

Electrical characteristics

RG179B/U coaxial cable

Conductor resistance	239.50 Ω /km at 20°C
Characteristic impedance	75 Ω
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 mm² conductors

Max. conductor resistance	19.20 Ω /km at 20°C
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Min. insulation resistance

Core - Core	> 1.00 G Ω /km
Core - Screen	> 500 M Ω /km

Voltage rating U_o/U

600/1,000 V_{rms}

Max. recommended current/ conductor

10 A

In compliance with

CE, UK CA, UK NI, RoHS, REACH, LVD
PFAS-free