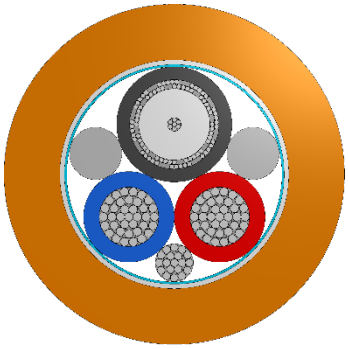
Coax hybrid cable
Type 6075CC



Construction characteristics

1 x Coaxial cable	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
2 x Conductors	1.00 mm² (32/0.20 mm) Tinned Copper XLPE Insulated 0.30 mm nom RTI OD: 2.00 mm Colour: BU RD
Lay up	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 Ali/PET foil screen, minimum overlap 50% Non-woven Polyester Tissue tape, minimum overlap 30% OD: 5.00 mm
Jacket	Polyether Polyurethane, 85 Shore A, Halogen Free, 1.25 mm nom RTI OD: 7.50 mm +/-0.25 Colour: OR

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

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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
Min. insulation resistance	
Core - Core	> 1.00 GΩ/km
Core – Screen	> 500 MΩ/km
Voltage rating Uo/U	600/1,000 Vrms
Max. recommended current/ conductor	10 A
In compliance with	CE, UK CA, UK NI, RoHS, LVD

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