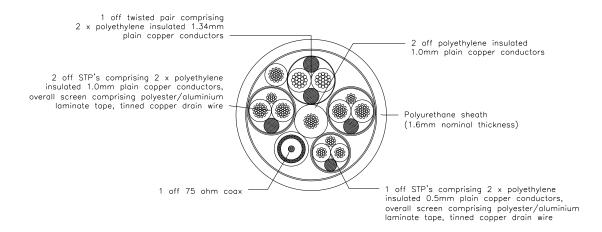


Comms / Video Cable

DCS0014



Weights, dimensions & mechanical characteristics

Outside diameter	14	mm
Weight in air	270	kg/km
Weight in sea water (Assuming sea water density = 1,026 kg/m³)	111.5	kg/km
Density	1,750	kg/km
Minimum bend radius (static)	90	mm
Minimum bend radius (dynamic)	135	mm
Minimum break strength		n/a

Electrical characteristics			
1.34mm ² TP	Conductor resistance @ 20°C Resistance (core – core) Resistance (core – screen) Operating voltage	15.2 Ω/Km (maximum) 500 MΩ/Km (minimum) 250MΩ/Km (minimum) 500 V (maximum)	
0.50mm ² STP	Conductor resistance @ 20°C Resistance (core – core) Resistance (core – screen) Operating voltage	$41.8~\Omega/\text{Km}$ (maximum) $500\text{M}\Omega/\text{Km}$ (minimum) $250~\text{M}\Omega/\text{Km}$ (minimum) $500~\text{V}$ (maximum)	
1.00mm ² STP	Conductor resistance @ 20°C Resistance (core – core) Resistance (core – screen) Operating voltage	$20.5 \Omega/\text{Km}$ (maximum) $500 \text{ M}\Omega/\text{Km}$ (minimum) $250 \text{ M}\Omega/\text{Km}$ (minimum) 500 V (maximum)	
1.00mm ² Single Core	Conductor resistance @ 20°C Resistance (core – core) Resistance (core – screen) Operating voltage	$20.5 \Omega/\text{Km}$ (maximum) $500 \text{ M}\Omega/\text{Km}$ (minimum) $250 \text{ M}\Omega/\text{Km}$ (minimum) 500 V (maximum)	
Mini Coax	Conductor resistance (inner) @ 20°C Conductor resistance (outer) @ 20°C Impedance	149.0 Ω /Km (maximum) 36.5 Ω /Km (maximum) 75 Ω	

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