

RG214 Mil-C-17

50 Ohm Coaxial

Physical Characteristics



Conductor:	Silver Plated Copper Wire
Size:	7/0.75mm
Dielectric:	Solid PE [Ø7.25mm]
Screening (1):	Silver Plated Copper Wire (96%)
Screening (2):	Silver Plated Copper Wire (98%)
Outer Sheath:	LSZH
Sheath Colours	Black Ø10.80
FN50575 CPR Class:	En

Electrical Characteristics

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Conductor DC Resistance	6.0 [Ω/km]
Outer Conductor Resistance	3.1 [Ω/km]
Rated Temperature	-30°C - +70°C
Nominal Capacitance	<100pF/M [±10%]
Velocity Ratio	66%
Nominal Impedance	50Ω

Attenuation

Attanuation		Return Loss
@20°C (dB/100M)		dB (±10%)
50MHz	4.7(()	
100MHz	7.1	
200MHz	10.4	
400MHz	15.2	
500MHz	17.4	
600MHz	19.2	
860MHz	23.9	(
1000MHz	26.2	\sim

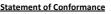
LSZH Sheath meets:

IEC60332-1 [Flame Propagation] IEC60754 [Halogen Free] IEC61034 [Smoke Emissions]

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30-300MHz >30 300-600MHz >29 600-900MHz >27

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Statement of Conformance
It is hereby certified that any goods supplied that reference those above, conform to this specification unless otherwise noted

