



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
EN50575 CPR Class:	E _{ca}

Electrical Characteristics

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

Attenuation @20°C (dB/100M)		Return Loss dB (±10%)	
50MHz	4.7	30-300MHz	>30
100MHz	7.1	300-600MHz	>29
200MHz	10.4	600-900MHz	>27
400MHz	15.2		
500MHz	17.4		
600MHz	19.2		
860MHz	23.9		
1000MHz	26.2		

LSZH Sheath meets:
IEC60332-1 [Flame Propagation]
IEC60754 [Halogen Free]
IEC61034 [Smoke Emissions]

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All our products are RoHS2 [2011/65/EU] and REACH Compliant unless stated otherwise

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