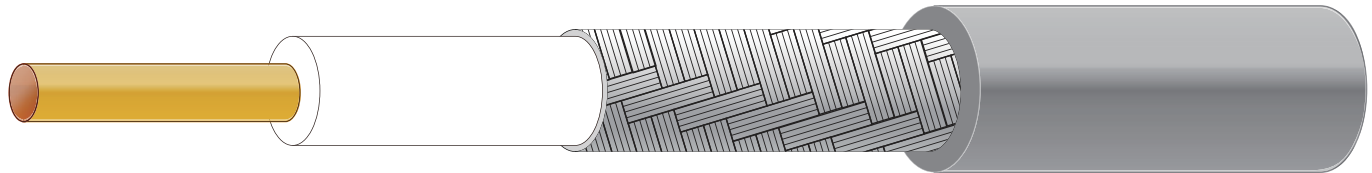
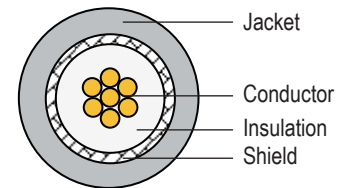


RG-179 Coaxial Cable

Product No. D1790WS7AS

Structure Figure



Conductor

Material
Silver-Coated Copper
Clad Steel

Construction
AWG 30(7/0.102mm)

Diameter
0.31 mm

Insulation

Material
FEP

Average Thickness
0.64 mm

Color
Clear

Diameter
 1.58 ± 0.05 mm

Shield

Material
Silver-Coated Copper

Construction
16 / 5 / 0.092 mm

Coverage
91.6 %

Jacket

Material
FEP

Average Thickness
0.28 mm

Color
Brown

Diameter
 2.54 ± 0.1 mm

Electrical Characteristics

Description	Specification
Impedance	$75 \pm 5 \Omega$
Conductor Resistance	828.0 Ω /km 20°C Max.
Insulation Resistance	1000 M Ω /km Min.
Capacitance	64 ± 2 pF/M
Dielectric Strength	AC 1 KV/Minute
Spark Test	2 KV
Nom. Vel. of Prop.	69.5 %
Flame Test	VW-1 OK

Physical Characteristics

Description	Specification
Item	RG-179/U (AWG#30)
Rating Temp Voltage	200°C 30V
Recognized	UL 1979
Minimum Bend Radius	10.5 mm
Insulation	Unaged Tensile Strength 2500 PSI Min. (1.76 Kg / mm ²)
	Elongation 200% Min.
Aged	Tensile Strength Unaged Min.75% (168HRS×232°C)
	Elongation Unaged Min.75% (168HRS×232°C)
Jacket	Unaged Tensile Strength 2500 PSI Min. (1.76 Kg / mm ²)
	Elongation 200% Min.
Aged	Tensile Strength Unaged Min.75% (168HRS×232°C)
	Elongation Unaged Min.75% (168HRS×232°C)

Attenuation

Attenuation	10 MHz	50 MHz	100 MHz	400 MHz	700 MHz	1 GHz
dB/100m	9.8	27.9	32.8	52.5	64.6	78.7
dB/100ft	2.99	8.51	10.00	16.01	19.70	24.00