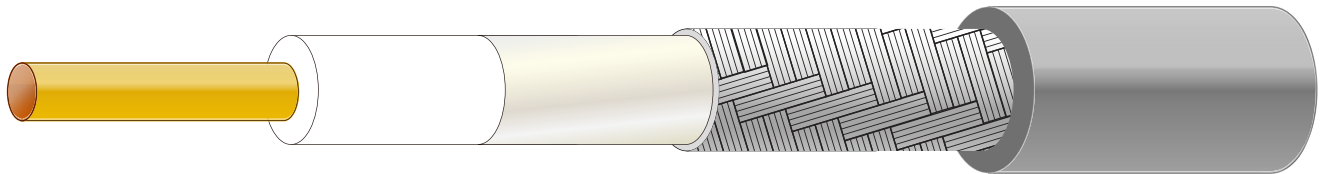
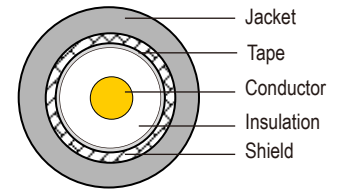


# RG-58/U Low Loss Coaxial Cable

Product No. D058U1G5BT

## Structure Figure



### Conductor

Material  
Copper

Construction  
1 / 1.02 mm

Diameter  
1.02±0.03 mm

### Insulation

Material  
GAS-FPE

Thickness  
0.95 mm

Diameter  
2.9 ± 0.10 mm

Color  
Nature

### Tape

Material  
Aluminum Foil

### Braid Shield

Material  
Tinned Copper

Construction  
16 x 5 / 0.12±0.008 mm

Coverage  
80%

### Jacket

Material  
PVC

Color  
Black

Diameter  
5.0 ± 0.1 mm

## Electrical

Description	Specification
Conductor Resistance	21.95Ω/km MAX.
Insulation Resistance	1000 MΩ/km MIN.
Outer Resistance	22.8 MΩ/km
Withstanding Voltage	1000 V/Min
Impedance	53 ± 3 Ω
Capacitance	83 ± 3 pF/m

## Mechanical & Environmental

Description	Specification
Bend Radius	50.8 mm
Operating Temperature	-0°C ~ +70°C
Storage Temperature	-20°C ~ +60°C

## Attenuation

Attenuation	50 MHz	400 MHz	900 MHz	1000 MHz	1500 MHz	2000 MHz	2500 MHz	3000 MHz
dB/100ft	2.93	6.76	10.5	11.1	14.0	16.5	18.7	20.8
dB/100m	9.7	22.2	34.5	36.5	46.0	54.2	61.4	68.3