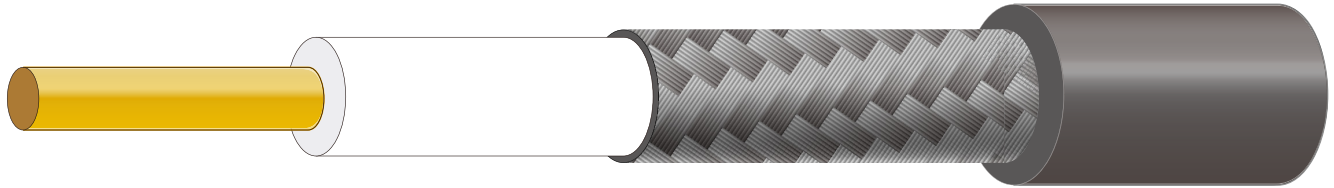
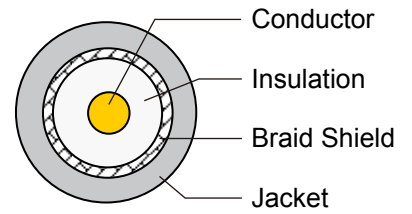




RG-58A/U stranded, XLPE Coaxial Cable

Product No. D058A1G5BT-XLPE

Structure Figure



Conductor

Material
Tinned Copper

Constructure
19/0.18 mm

Diameter
0.91 mm

Insulation

Material
XLPE

Color
Nature

Diameter
2.95 ± 0.10 mm

Shield

Material
Tinned Copper

Composition
7x16

Diameter
3.4 ± 0.1 mm

Coverage
93%

Jacket

Material
PVC

Color
Black

Diameter
4.95 ± 0.1 mm

Mechanical Characteristics

Description	Specification
Operating temperature	-40°C~ +80°C
bending radius	Installation/12.7

Printing: NICE FOUNTAIN RG-58A/U 50 OHM E156277 
AWM 1354 80°C 30V

Electrical Characteristics

Description	Specification
Conductor Resistance	Max. 37.0 Ω/km
Insulation Resistance	Min. 1000 MΩ/km
Normal Impedance	50 ± 3 Ω
Normal Capacitance	100 ± 3 pF/m
Velocity of Propagation	66%

Attenuation

Frequency	5 MHz	10 MHz	100 MHz	1000 MHz	1800 MHz	2000 MHz	2500 MHz	3000 MHz
dB/100m	3.3	4.5	16.2	62.0	85.2	91.3	110.0	124.0
dB/100ft	1.01	1.38	4.94	18.90	26.00	27.83	33.53	37.80