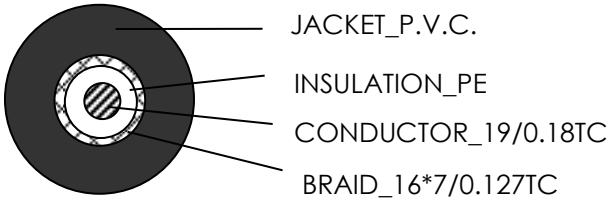


Specification Sheet

Altronics Part Number	Description	Supplier Ordering Info.
W 2230	19/0.18Tinned Copper-RG58C/U COAXIAL CABLE	

Conductor

Material.....Tinned Copper
AWG.....21AWG
Construction.....19/0.18mm±0.008mm
Stranded Diameter.....0.91mm



Insulation

Material.....PE
Average Thickness.....0.91mm
Insulation Diameter.....2.95mm±0.05mm

Braid

Material.....Tinned Copper
Construction.....16*7/0.127mm±0.008mm
Diameter.....3.45mm

Jacket

Material.....NC-PVC
Average Thickness.....0.67mm
Cable Diameter.....4.95mm±0.10mm

Colour

Insulation.....NATURE
Jacket.....BLACK

Physical and Electrical Characteristics

Maximum DC Resistance...46.9Ω/km@20°C max.
Capacitance.....102pF/m nom.
Impedance.....50±3Ω
Attenuation

Frequency	Nom. Attenuation	
1 MHz	0.4	dB/100ft
10 MHz	1.5	dB/100ft
50 MHz	3.7	dB/100ft
100 MHz	5.4	dB/100ft
200 MHz	8.1	dB/100ft
400 MHz	12.4	dB/100ft
700 MHz	17.7	dB/100ft
900 MHz	21.1	dB/100ft
1000 MHz	22.8	dB/100ft

SPARK.....AC. 3.0 KV no breakdown
Tensile Strength..... $\geq 0.984 \text{ kgf/mm}^2$ (Insulation Unaged)
..... $\geq 1.05 \text{ kgf/mm}^2$ (Jacket Unaged)
Elongation..... $\geq 350\%$ (Insulation Unaged)
..... $\geq 100\%$ (Jacket Unaged)

Mechanical Characteristics

Cold Blend..... $-20\pm 2^\circ\text{C}/4\text{hr}$ No Crack

Packaging

Drum Sizes.....100 Meter

Marking

ALTRONICS W 2230 RG58C/U 50 Ω MIL-C-17 COAXIAL MADE IN TAIWAN