



CATEGORY  
**ELECTRICAL  
 CONDUIT & WIRES**  
 AMMO ITEM #  
**RG6 QUAD**

Company: \_\_\_\_\_  
 Job: \_\_\_\_\_ #Item: \_\_\_\_\_  
 Notes: \_\_\_\_\_

# Coaxial Cable RG6 QUAD



## FEATURES

RG6 18AWG Solid CCS Conductor  
 75 Ohm Impedance Optimal Signal Transmission  
 305M Wooden Spool

## STANDARD COMPLIANCES

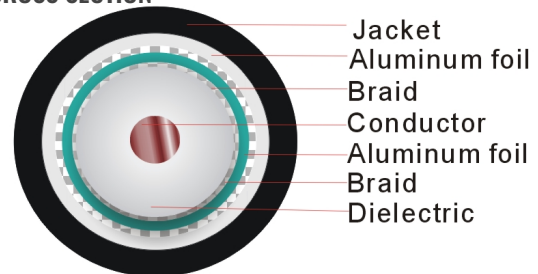
ANSI/TIA 568  
 ISO/IEC 11801

Model		
No	Length	Color
130201	100m	Black
130202	100m	White
130203	300m	Black
130204	300m	White
110205	305m	Black
110206	305m	White

## SPECIFICATION

Rated Temperature		-20 ~ 75 °C
Rated Voltage		30V
Conductor	Material	Copper Clad Steel 20%
	AWG	18AWG
	Diameter	1.02mm
Insulation	Material	Foam PE
	FPE Dielectric Diameter	4.57mm± 0.01 mm
	Maximum Eccentricity	≤ 10%
	Minimum Resistance	10000 MΩ× km
Jacket	Material	PVC
	Diameter	7.0 mm
	Black Carbon Content	≥ 2%
1st Shield	Aluminum Tape Normal	
2nd Shield	Aluminum Wire	
3rd Shield	Aluminum Tape Normal	
4nd Shield	Aluminum Wire or CCA Braiding	

## CROSS SECTION



## PERFORMANCE

### Mechanical Properties

Temperature range \_\_\_\_\_ during operation: 20°C ~+75°C  
 Jacket Ovality (maximum) \_\_\_\_\_ 7%  
 Dielectric ovality(maximum) \_\_\_\_\_ 7%  
 Maximum Dielectric Eccentricity \_\_\_\_\_ ≤10%  
 Maximum Jacket Eccentricity \_\_\_\_\_ ≤10%  
 Bending Ability \_\_\_\_\_ 'S' and 'U' blending  
 Bending Radius \_\_\_\_\_ Min.≤ 1.5 cm  
 Cold Bend Test @ -20°C \_\_\_\_\_ No visible damage to the jacket  
 Impact test @ -10°C \_\_\_\_\_ No visible damage to the jacket  
 Cond. Bond Dielectric(minimum) \_\_\_\_\_ ≥ 2.3 kg

### Electrical Properties

Nominal Capacitance \_\_\_\_\_ 53 ± 0.1 nf/km  
 Impedance \_\_\_\_\_ 75.0± 3.0 Ohms  
 Impedance Homogeneous \_\_\_\_\_ ≥ 40 dB or ≤ 1%  
 DCR \_\_\_\_\_ 10.5ohms/1000ft  
 Coax \_\_\_\_\_ 34.4ohm/km(nom)

Nominal DC resistance  
 Loop @ 20°C 18 (+/- 0.5) Ω/km

Minimum Structural RL \_\_\_\_\_ -20 dB  
 Cond. Bond Dielectric(Min) \_\_\_\_\_ ≥ 2.3 kg  
 Min Velocity of Propagation \_\_\_\_\_ ≥ 82%  
 Cable attenuation should comply table below

AMMO#	COLOR	WEIGHT (g)	PKG FT	UPC
RG6 QUAD B	Black	24	1000	837654120866
RG6 QUAD WH	White	24	1000	837654089088

## ELECTRICAL CONDUIT AND WIRES



400 MARTIN LUTHER KING JR WAY, BRIDGETON, NJ 08302  
 PHONE : (718).338.1851 FAX : (718).228.1851  
 orders@ammoelectric.com

www.ammoelectric.com