



CATEGORY
**ELECTRICAL
WIRES**

AMMO ITEM #

RG6 QUAD

Company: _____

Job: _____ #Item: _____

Notes: _____

Coaxial Cable RG6 Quad



Intertek

FEATURES

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

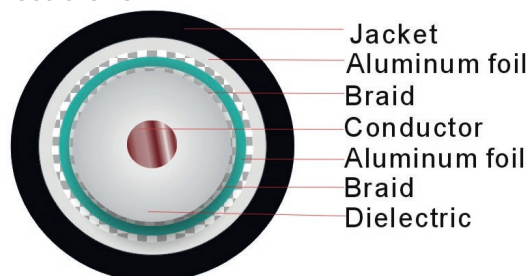
STANDARD COMPLIANCES

- ANSI/TIA 568
- ISO/IEC 11801

ATTENUATION At 68 °F / 20 °C

Frequency (MHz)	Maximum (dB/100 ft)	Maximum (dB/100 m)
5	0.58	1.90
55	1.60	5.25
187	2.85	9.35
300	3.55	11.64
450	4.40	14.43
600	5.10	16.73
750	5.65	18.54
865	6.10	20.01
1000	6.55	21.49

CROSS SECTION



MECHANICAL PROPERTIES

- 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: _____ ≥ 2.3 kg (minimum)

ELECTRICAL PROPERTIES

- Nominal Capacitance: _____ 52 pF/m ± 2 pF/m
- Impedance: _____ 75.0 ± 3.0 Ohms
- Impedance Homogeneous: _____ ≥ 40 dB or ≤ 1%
- DCR: _____ 10.5 ohms / 1000 ft
- Coax: _____ 34.4 ohm / km (nom)

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

- SRL: _____ 20 db (5~2200 Mhz 100% Swept Tested)
- Cond. Bond Dielectric(Min): _____ ≥ 2.3 kg
- Min Velocity of Propagation: _____ 85%

Rated Temperature		-20 ~ 75 °C
Rated Voltage		30 V
Conductor	Material	Copper Clad Steel
	AWG	18 AWG
	Diameter	1.02 +/- 0.2 mm
Insulation	Material	Foam PE
	FPE Dielectric Diameter	4.57 mm ± 0.01 mm
	Minimum Resistance	10000 MΩ × km
Jacket	Material	Polyvinyl Chloride (PVC)
	Diameter	7.3 +/- 0.2 mm
	Black Carbon Content	≥ 2%
Shield:	Bonded Aluminum Foil ≥100% Coverage	
Braid:	Al-Mg Alloy Wire 64 x 0.12 mm	
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Braid:	Al-Mg Alloy Wire 64 x 0.12 mm	

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

ELECTRICAL WIRES



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