



CATEGORY
**ELECTRICAL
WIRES**

AMMO ITEM #

RG6 DUAL

Company: _____

Job: _____ #Item: _____

Notes: _____

Coaxial Cable RG6 Dual



Intertek

FEATURES

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

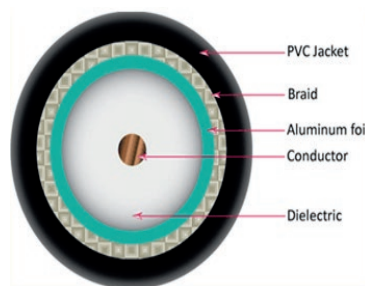
STANDARD COMPLIANCES

- 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' bending
- 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: _____ 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
- Nominal velocity of Propagation: ≥ 85%

Rated Temperature		-20 ~ 70 °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	6.8 +/- 0.2 mm
	Black Carbon Content	≥ 2%
Shield:	Bonded Aluminum Foil ≥100% Coverage	
Braid:	Al-Mg Alloy Wire 80 x 0.16 mm	

AMMO#	COLOR	WEIGHT (g)	PKG FT	UPC
RG6 DUAL B	Black	27	1000	837654120057
RG6 DUAL WH	White	27	1000	837654089064

ELECTRICAL WIRES



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