



CATEGORY
**ELECTRICAL
CONDUIT & WIRES**

AMMO ITEM #

RG6 Dual

Company: _____

Job: _____ #Item: _____

Notes: _____

Coaxial Cable RG6 Dual



FEATURES

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

STANDARD COMPLIANCES

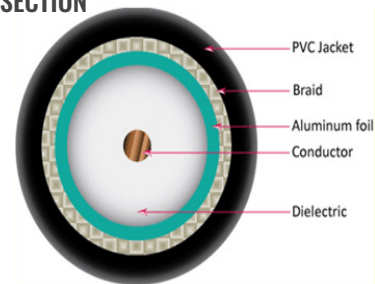
ANSI/TIA 568
ISO/IEC 11801

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	6.8 mm
	Black Carbon Content	≥ 2%
1st Shield	Aluminum Tape Normal	
2nd Shield	Aluminum Wire	

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 DUAL B	Black	27	1000	837654120057
RG6 DUAL WH	White	27	1000	837654089064

ELECTRICAL CONDUIT AND WIRES



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