

# TAA-COMPLIANT CAT6 BULK CABLE

1000ft (304.8m) TAA-Compliant Cat6 Bulk Unshielded (UTP) Ethernet Network Cable with Stranded Conductors In-Wall CM-Rated

C2G's TAA-Compliant Cat6 Bulk Cable is an excellent choice for custom network patch cables. Featuring stranded conductors for flexibility and easy installation, this cable meets or exceeds Cat6 cabling standards, including ANSI/TIA-568.2-D, ensuring high-speed performance with data frequency range up to 550 MHz. It complies with fire codes and networking requirements, offering reliable performance, flexibility, durability, and convenience.



## FEATURES

- Customizable cable runs up to 1000ft (304.8m)
- Supports data frequency range up to 550 MHz
- Flexible and easy-to-handle stranded conductor construction
- Smooth and tangle-free cable-pulling experience
- Meets or exceeds Cat6 cabling standards, including ANSI/TIA-568.2-D



## ITEM DESCRIPTION

C2G56047 1000ft (304.8m) TAA-Compliant Cat6 Bulk Unshielded (UTP) Ethernet Network Cable with Stranded Conductors In-Wall CM-Rated - Blue

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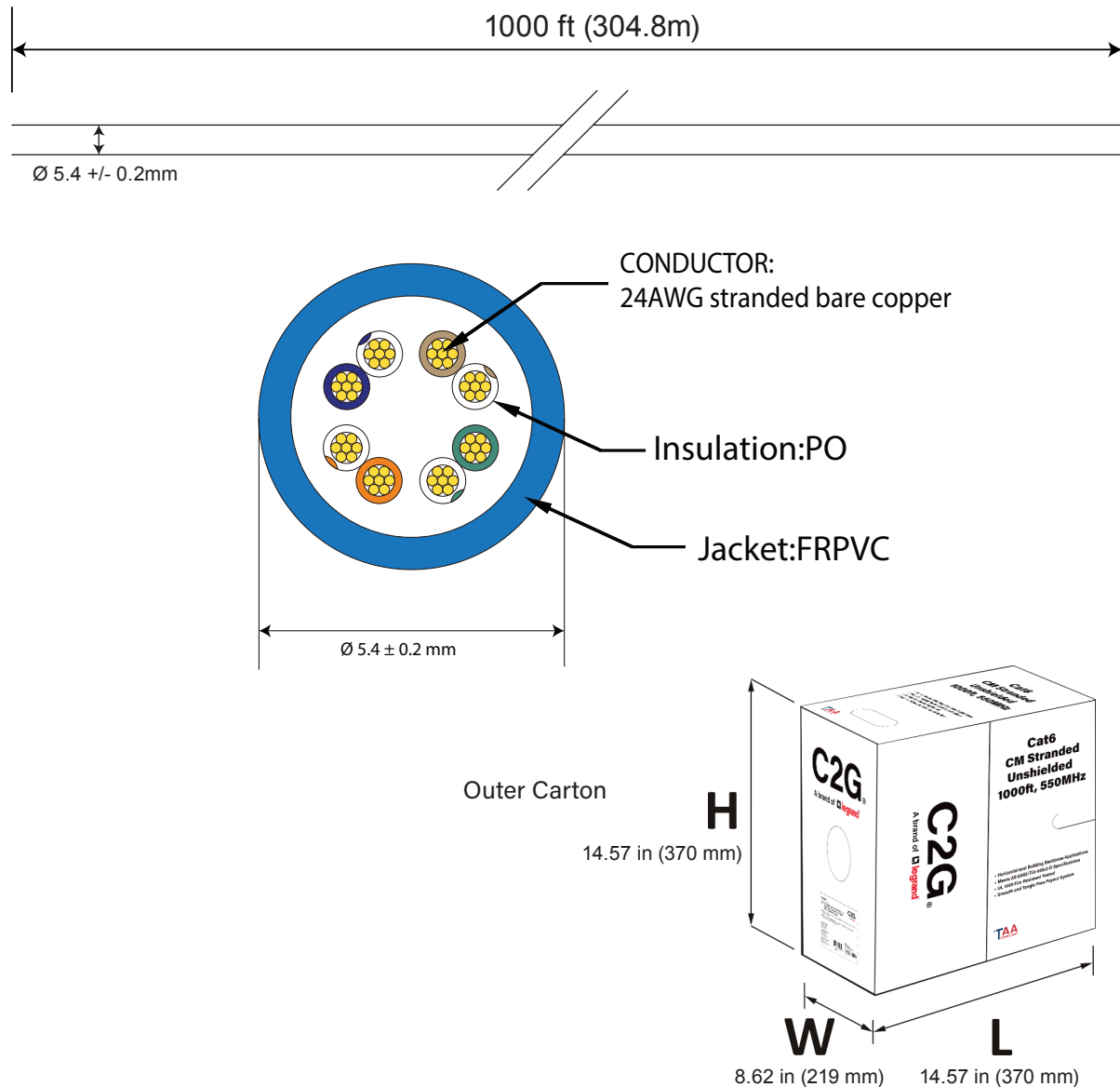
## SPECIFICATIONS

		C2G56047	
PHYSICAL SPECIFICATIONS	Conductor	Material	24AWG stranded bare copper Polyolefin (PO)
	Insulation	Color code and diameter	Blue & white/blue Stripe: 0.95 ± 0.02 mm Orange & white/orange stripe: 0.93 ± 0.02 mm Green & white/green stripe: 0.95 ± 0.02 mm Brown & white/brown stripe: 0.93 ± 0.02 mm
	Jacket	Material Diameter Thickness Color	Flame retardant polyvinyl chloride (FRPVC) 5.2 ± 0.2 mm 0.50 ± 0.05 mm Blue
	Overall cable	Outer Box Dimension	L1.2 x W0.72 x H1.2 ft L370 x W219 x H370 mm
		Weight	22.2lb (10.08 kg)
	Storage Temperature	-4°F to 167°F (-20°C to 75°C)	
	Operation Temperature	-4°F to 140°F (-20°C to 60°C)	
	Minimum bending radius	≥ 4 times of overall diameter	
	Maximum pulling tension	≤ 110 N	
ELECTRICAL SPECIFICATIONS	Voltage	300V	
	Spark test	2.5 KV DC	
	AC leakage current through overall jacket	≤ 10mA (1.5KV AC)	
	Cable cold bend test	-20°C for 4 hr	
	Conductor DC resistance	≤ 14 Ω/100m	
	Resistance unbalance	≤ 5%	
	Dielectric strength	1.5 KV ac for 2 s	
	Insulation resistance	≥ 5000 MΩ·km	
	Mutual capacitance	≤ 5.6 nF/100m	
	Capacitance unbalance pair-to-ground	≤ 330 pF/100m	
	Propagation Delay	570ns/100m (maximum)	
	Delay Skew	45ns/100m (maximum)	
APPLICABLE STANDARD	Electrical Transmission	ANSI/TIA-568.2-D (2018); ISO/IEC 11801-1; IEC 61156-5 (Edition 2.1)	
	Flame Test	UL 1685 (CM)	
	Material and Construction	UL 444; CSA 22.2 NO.214	
	EU Directive	2011/65/EU & 2015/863/EU; 2006/95/EC (LVD)	
	CE compliance date	2010.01.01	

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## TECHNICAL DRAWING



LEGRAND | AV COMMERCIAL BRANDS  
C2G | Chief | Da-Lite | Luxul | Middle Atlantic | Vaddio | Wiremold

### SIMPLIFIED CONNECTIVITY

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