

TAA-COMPLIANT CAT5E BULK CABLE

1000ft (304.8m) TAA-Compliant Cat5e Bulk Unshielded (UTP) Ethernet Network Cable with Solid Conductors – Plenum CMP-Rated

C2G's TAA-Compliant Cat5e Bulk Cable is an excellent choice for custom length horizontal network cable runs. Supporting a frequency range up to 350 MHz, this cable meets or exceeds Cat5e cabling standards, including ANSI/TIA-568.2-D and includes features for easier installation. Its innovative slim packaging saves storage and shipping space, reducing inventory and shipping costs. Additionally, it is more sustainable, using 40% less plastic and cardboard while providing an improved cable pulling experience.

FEATURES

- Supports data frequency range up to 350 MHz
- Plenum, CMP-Rated jacket
- Meets or exceeds Cat5e cabling standards, including ANSI/TIA-568.2-D
- Innovative, sustainable packaging with space-saving design and seamless cable pulling experience



ITEM

DESCRIPTION

C2G56029 1000ft (304.8m) TAA-Compliant Cat5e Bulk Unshielded (UTP) Ethernet Network Cable with Solid Conductors – Plenum CMP-Rated - Blue

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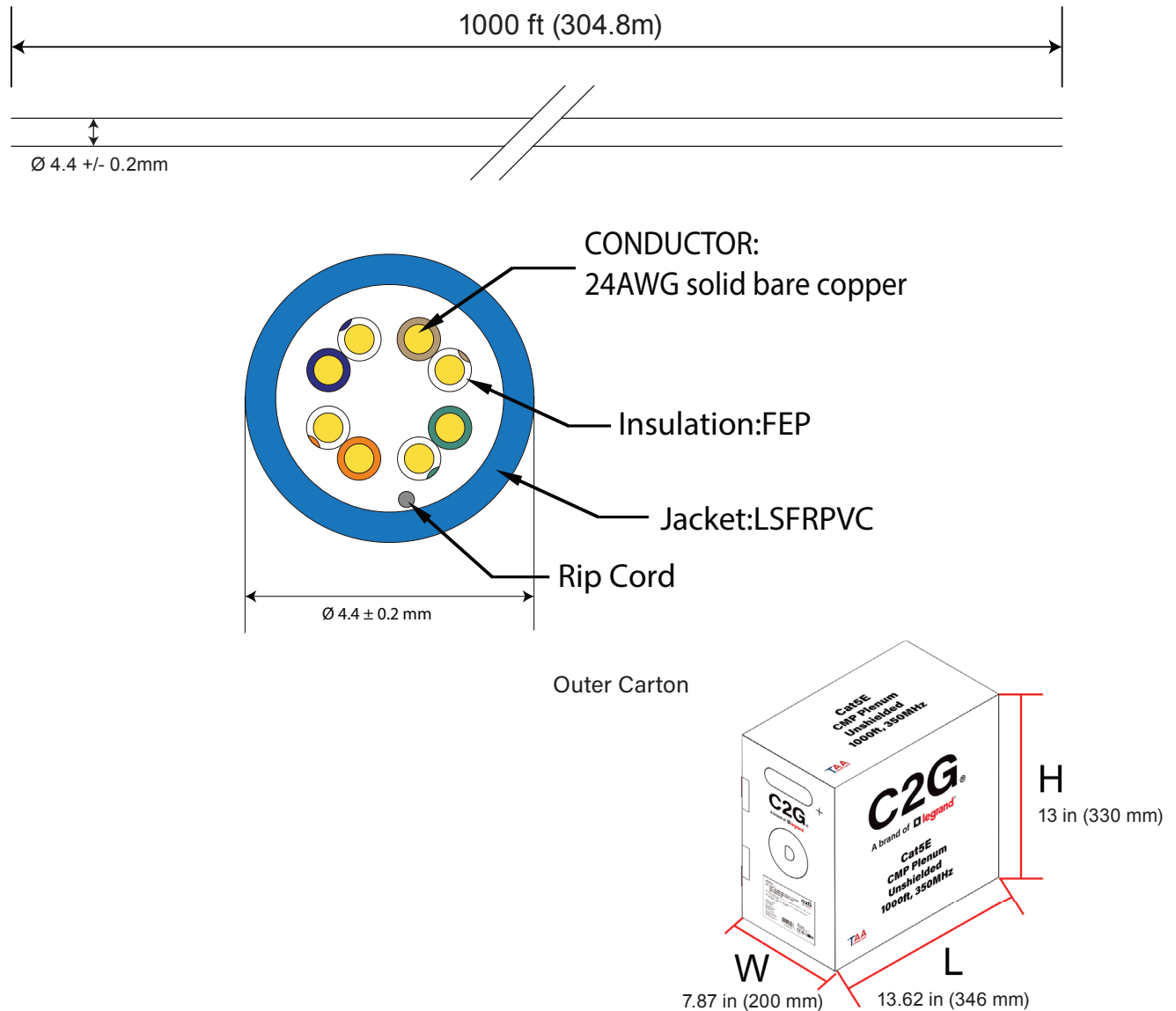
SPECIFICATIONS

		C2G56029	
PHYSICAL SPECIFICATIONS	Conductor	Material	24AWG solid bare copper Fluorinated Ethylene Propylene (FEP)
	Insulation	Color code and diameter	Blue & white/blue stripe: 0.84 ± 0.02 mm Orange & white/orange stripe: 0.82 ± 0.02 mm Green & white/green stripe: 0.83 ± 0.02 mm Brown & white/brown stripe: 0.82 ± 0.02 mm
	Jacket	Material Diameter Thickness Color	Low smoke flame retardant polyvinyl chloride (LSFRPVC) 4.4 ± 0.2 mm 0.35 ± 0.05 mm Blue
	Rip cord	Material	Polyester multi-yarn
	Overall cable	Outer Box Dimension	L1.1 x W0.66 x H1.1 ft L346 x W200 x H330 mm
		Weight	20.9lb (9.5 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	
	Temperature rating	167°F (75°C)	
	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	≤ 9.38 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	
	Nominal Velocity of Propagation	72%	
	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	NFPA 262 (CMP)	
	Material and Construction	UL 444; CSA 22.2 NO.214	
	EU Directive	2011/65/EU & 2015/863/EU; 2006/95/EC (LVD)	

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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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