

TAA-COMPLIANT CAT6A BULK CABLE

1000ft (304.8m) TAA-Compliant Cat6a Bulk Unshielded (UTP) Ethernet Network Cable with Solid Conductors – Plenum CMP-Rated

C2G's TAA-Compliant Cat6a Bulk Cable is an excellent choice for custom length horizontal network cable runs. This cable meets or exceeds Cat6a cabling standards, including ANSI/TIA-568.2-D while supporting data frequency range up to 660 MHz. The new sustainable slim packaging reduces plastic and cardboard waste by 40%. The packaging takes up less space and also provides a smooth cable-pulling experience.



FEATURES

- Supports data frequency range up to 660 MHz
- Plenum, CMP-Rated jacket
- Meets or exceeds Cat6a cabling standards, including ANSI/TIA-568.2-D
- Innovative, sustainable packaging with space-saving design and seamless cable pulling experience



ITEM DESCRIPTION

- | | |
|----------|---|
| C2G56051 | 1000ft (304.8m) TAA-Compliant Cat6a Bulk Unshielded (UTP) Ethernet Network Cable with Solid Conductors-Plenum CMP-Rated - Blue |
| C2G56052 | 1000ft (304.8m) TAA-Compliant Cat6a Bulk Unshielded (UTP) Ethernet Network Cable with Solid Conductors-Plenum CMP-Rated - Black |

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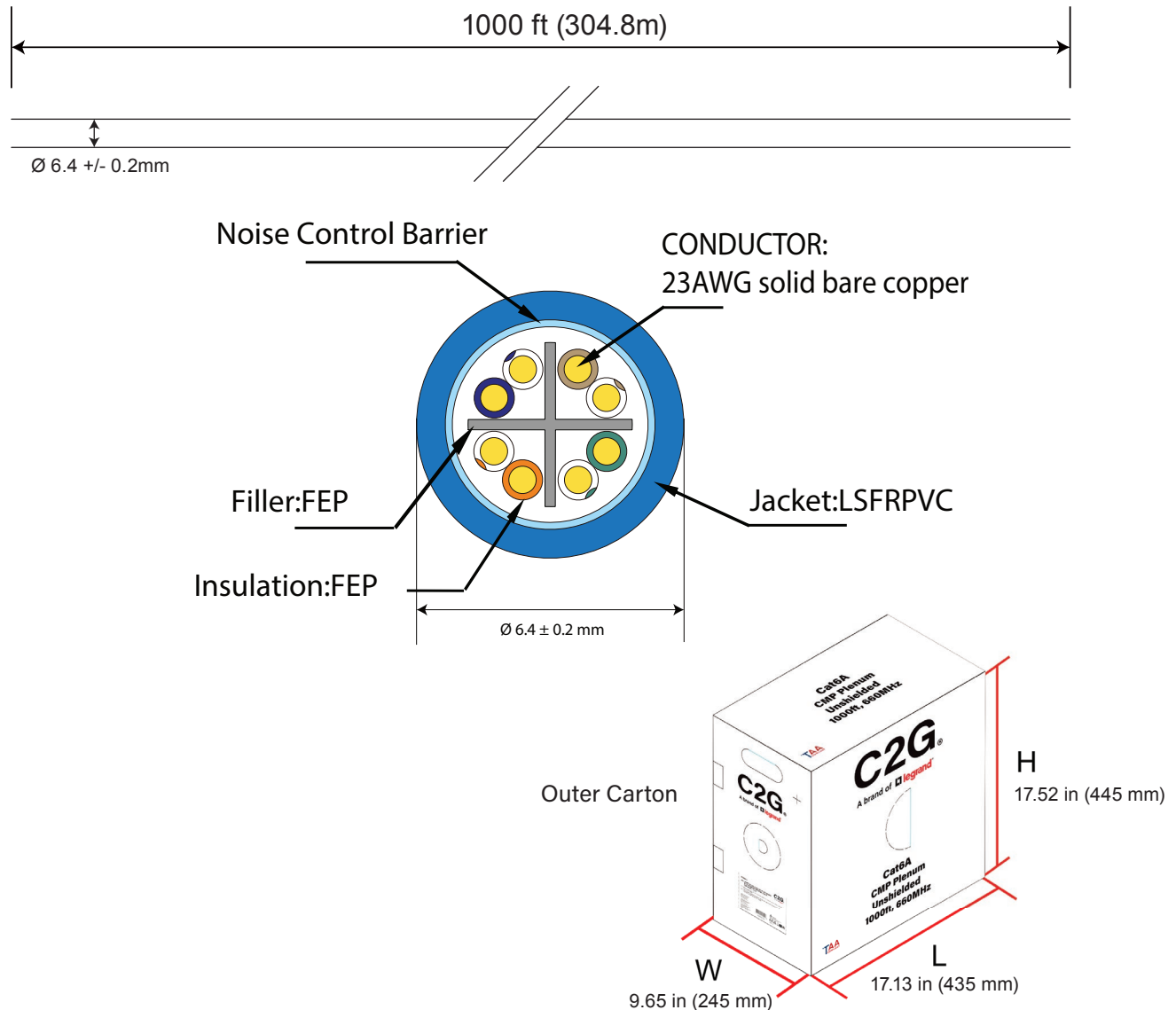
SPECIFICATIONS

		C2G56051-52	
PHYSICAL SPECIFICATIONS	Conductor	Material	23AWG solid bare copper Fluorinated Ethylene Propylene (FEP)
	Insulation	Color code and diameter	Blue & white/blue stripe: 1.09 ± 0.02 mm Orange & white/orange stripe: 1.02 ± 0.02 mm Green & white/green stripe: 1.08 ± 0.02 mm Brown & white/brown stripe: 1.02 ± 0.02 mm
	Jacket	Material Diameter Thickness	Low smoke flame retardant polyvinyl chloride (LSFRPVC) 6.7 ± 0.2 mm 0.40 ± 0.05 mm
	Filler	Material	Fluorinated Ethylene Propylene (FEP)
	Barrier	Material	Noise Control Barrier
	Overall cable	Outer Box Dimension	L1.4 x W0.8 x H1.5 ft L435 x W245 x H445 mm
		Weight	37.7lb (17.09 kg)
	Storage Temperature	-4°F to 194°F (-20°C to 90°C)	
	Operation Temperature	-4°F to 194°F (-20°C to 90°C)	
	Minimum bending radius	≥ 8 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	≤ 9.38 Ω/100m	
	Resistance unbalance	≤ 4%	
	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	70%	
	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; LP-Rating 0.5A; 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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