

TAA-COMPLIANT CAT6 BULK CABLE

1000ft (304.8m) TAA-Compliant Cat6 Unshielded (UTP) Ethernet Network Cable with Solid Conductors – Plenum CMP-Rated

C2G's TAA-Compliant Cat6 Bulk Cable is an excellent choice for custom length horizontal network cable runs. Meets or exceeds Cat6 cabling standards, including ANSI/TIA-568.2-D while supporting data frequency range up to 550 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 550 MHz
- Plenum, CMP-Rated Jacket
- Meets or exceeds Cat6 cabling standards, including ANSI/TIA-568.2-D
- Innovative, sustainable packaging with space-saving design and seamless cable pulling experience



ITEM DESCRIPTION

C2G56041	1000ft (304.8m) TAA-Compliant Cat6 Unshielded (UTP) Ethernet Network Cable with Solid Conductors – Plenum CMP-Rated - Blue
C2G56042	1000ft (304.8m) TAA-Compliant Cat6 Unshielded (UTP) Ethernet Network Cable with Solid Conductors – Plenum CMP-Rated - Black
C2G56043	1000ft (304.8m) TAA-Compliant Cat6 Unshielded (UTP) Ethernet Network Cable with Solid Conductors – Plenum CMP-Rated - Gray
C2G56044	1000ft (304.8m) TAA-Compliant Cat6 Unshielded (UTP) Ethernet Network Cable with Solid Conductors – Plenum CMP-Rated - White
C2G56045	1000ft (304.8m) TAA-Compliant Cat6 Unshielded (UTP) Ethernet Network Cable with Solid Conductors – Plenum CMP-Rated - Green
C2G56046	1000ft (304.8m) TAA-Compliant Cat6 Unshielded (UTP) Ethernet Network Cable with Solid Conductors – Plenum CMP-Rated - Purple

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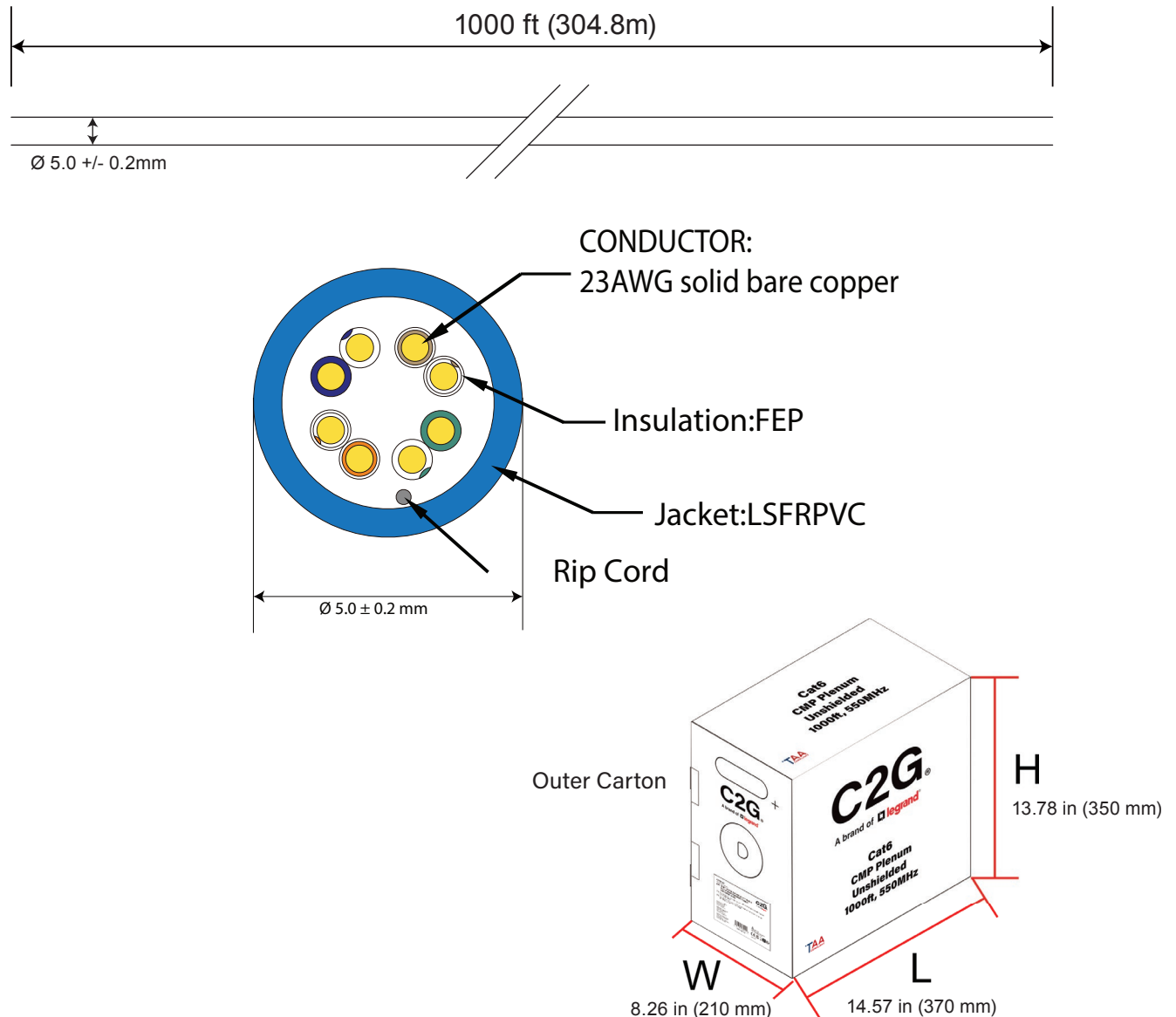
SPECIFICATIONS

		C2G56041-46	
PHYSICAL SPECIFICATIONS	Conductor	Material	23AWG solid bare copper Fluorinated Ethylene Propylene (FEP)
	Insulation	Color code and diameter	Blue & white/blue stripe: 0.97 ± 0.02 mm Green & white/green stripe: 0.95 ± 0.02 mm Orange & white/orange stripe: 0.96 ± 0.02 mm Brown & white/brown stripe: 0.95 ± 0.02 mm
	Jacket	Material Diameter Thickness	Low smoke flame retardant polyvinyl chloride (LSFRPVC) 5.0 ± 0.2 mm 0.38 ± 0.05 mm
	Rip cord	Material	Polyester multi-yarn
	Overall cable	Outer Box Dimension	L1.2 x W0.69 x H1.1 ft L370 x W210 x H350 mm
		Weight	23.4lb (10.6 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	$\leq 10\text{mA}$ (1.5KV AC)	
	Cable cold bend test	-20°C for 4 hr	
	Conductor DC resistance	$\leq 9.38 \Omega/100\text{m}$	
	Resistance unbalance	$\leq 5\%$	
	Dielectric strength	1.5 KV ac for 2 s	
	Insulation resistance	$\geq 5000 \text{ M}\Omega \cdot \text{km}$	
	Mutual capacitance	$\leq 5.6 \text{ nF}/100\text{m}$	
	Capacitance unbalance pair-to-ground	$\leq 330 \text{ pF}/100\text{m}$	
	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; 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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