

TAA-COMPLIANT CAT6A BULK CABLE

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

C2G's TAA-Compliant Cat6a Bulk Cable safeguards high-speed networks from noise and electromagnetic interference, handling bandwidth-intensive applications while reducing impedance and structural return loss (SRL). It meets Cat6a component requirements and is suitable for voice/data/video distribution. This cable provides structured cabling for horizontal and building backbone applications. It features overall metal shielding to protect against EMI noise. C2G's TAA-Compliant Cat6a Bulk Cable enables long, custom length runs that meet fire code requirements while providing a cost-effective networking solution. The new sustainable slim packaging reduces plastic and cardboard waste by 40%. While occupying less space, it also provides a smooth cable pulling experience.

FEATURES

- Enhanced frequency of up to 660 MHz, surpassing the CAT6A standard of 500 MHz for data transfer
- Plenum, CMP-Rated jacket that strict fire safety standards
- Constructed with shielded twisted pair (STP) wires, designed to protect a high-speed network from noise and electromagnetic interference
- Solid bare copper construction for high-quality signal transmission
- Innovative, sustainable packaging with space-saving design and seamless cable pull-out experience



ITEM DESCRIPTION

C2G56053	1000ft (304.8m) TAA-Compliant Cat6a Bulk Shielded (STP) Ethernet Network Cable with Solid Conductors - Plenum CMP-Rated - Blue
----------	--

TAA-COMPLIANT CAT6A BULK CABLE

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

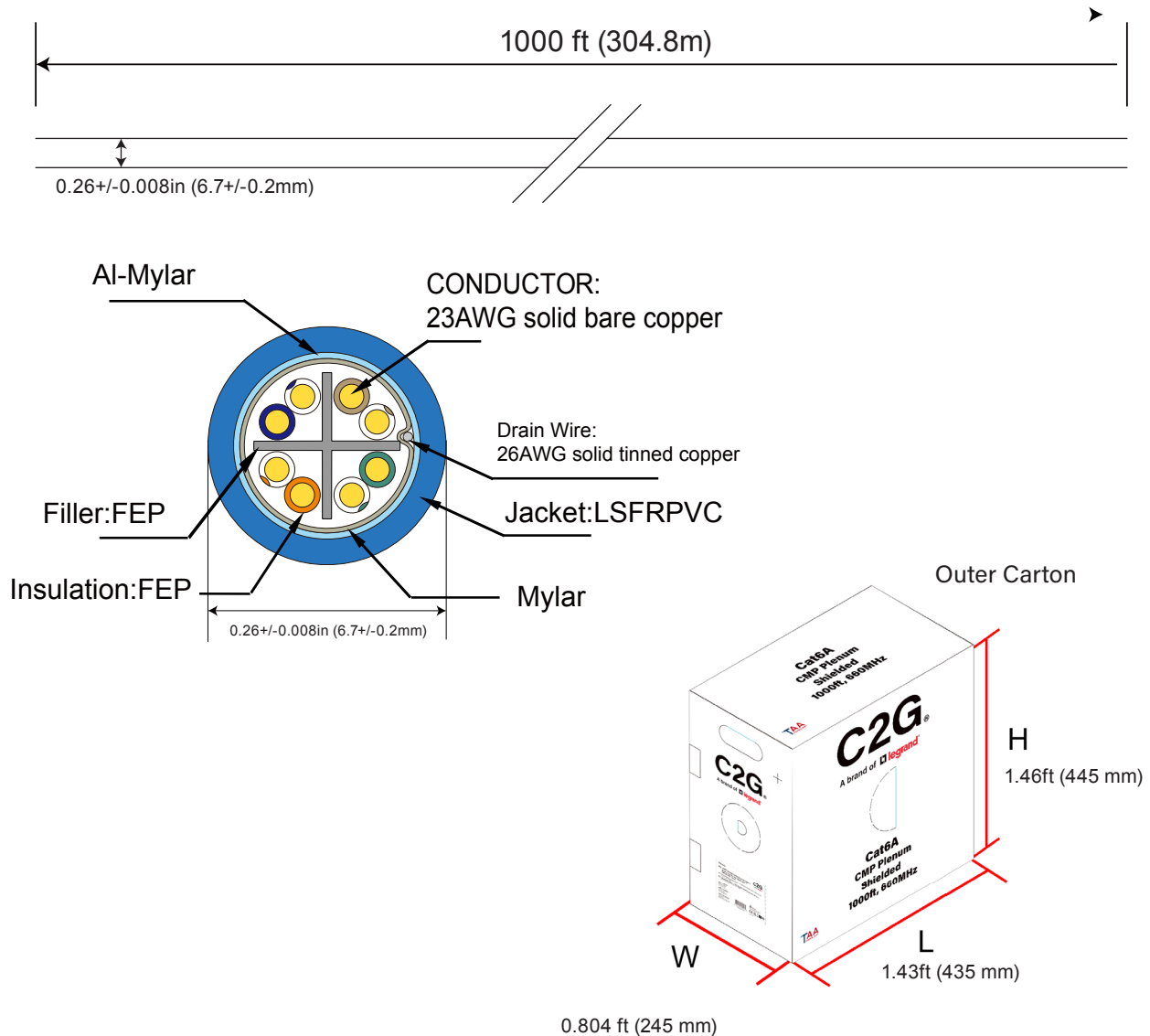
SPECIFICATIONS

		C2G56053	
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 Color	Low smoke flame retardant polyvinyl chloride (LSFRPVC) 6.9 ± 0.2 mm 0.40 ± 0.05 mm Blue
	Filler	Material	Fluorinated Ethylene Propylene (FEP)
	Shield	Material	Al Mylar tape - F/UTP shielding 100 % coverage and mylar side facing out
	Drain wire	Material	26AWG solid tinned copper
	Overall cable	Outer Box Dimension	L1.42 x W0.80 x H1.5 ft L435 x W245 x H445 mm
		Weight	37.3lb (16.9 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	≥ 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)	

TAA-COMPLIANT CAT6A BULK CABLE

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

TECHNICAL DRAWING



LEGRAND | AV COMMERCIAL BRANDS

C2G | Chief | Da-Lite | Luxul | Middle Atlantic | Vaddio | Wiremold

SIMPLIFIED CONNECTIVITY

USA 800.506.9607 customer-service@c2g.com

APAC +852 2145 4099 av.asia.sales@legrand.com

EMEA +31 495 580 840 c2g.emea@av.legrand.com

©2024 Legrand AV Inc. 240498 Rev A 8/24 C2G is a registered trademark of Legrand AV Inc. All other brand names or marks are used for identification purposes and are trademarks of their respective owners. All patents are protected under existing designations. Other patents pending.