

# TAA-COMPLIANT CAT6 BULK CABLE

1000ft (304.8m) TAA-Compliant Cat6 Bulk Foil Shield (F/UTP) Ethernet Network Cable with Solid Conductors – Riser CMR-Rated

C2G's TAA-Compliant Cat6 Bulk Cable is an excellent choice for customized horizontal network installations. It supports data frequency range up to 550 MHz. Featuring an integrated metal foil screen with a drain wire, this cable significantly reduces electromagnetic interference (EMI) and crosstalk, ensuring superior signal transmission and minimizing data errors. The new innovative slim packaging saves storage and shipping space, resulting in cost savings for inventory and shipping. Additionally, it is more sustainable as it uses 40% less plastic and 40% less cardboard, while still providing an improved cable pulling experience.

## FEATURES

- Supports data frequency range up to 550 MHz
- Riser, CMR-Rated jacket
- Overall metal foil screen with drain wire for enhanced network performance, reliability, and safety
- Solid bare copper construction for high-quality signal transmission
- Innovative, sustainable packaging with space-saving design and seamless cable pulling experience



## ITEM

## DESCRIPTION

C2G56040 1000ft (304.8m) TAA-Compliant Cat6 Bulk Foil Shield (F/UTP) Ethernet Network Cable with Solid Conductors – Riser CMR-Rated - Blue

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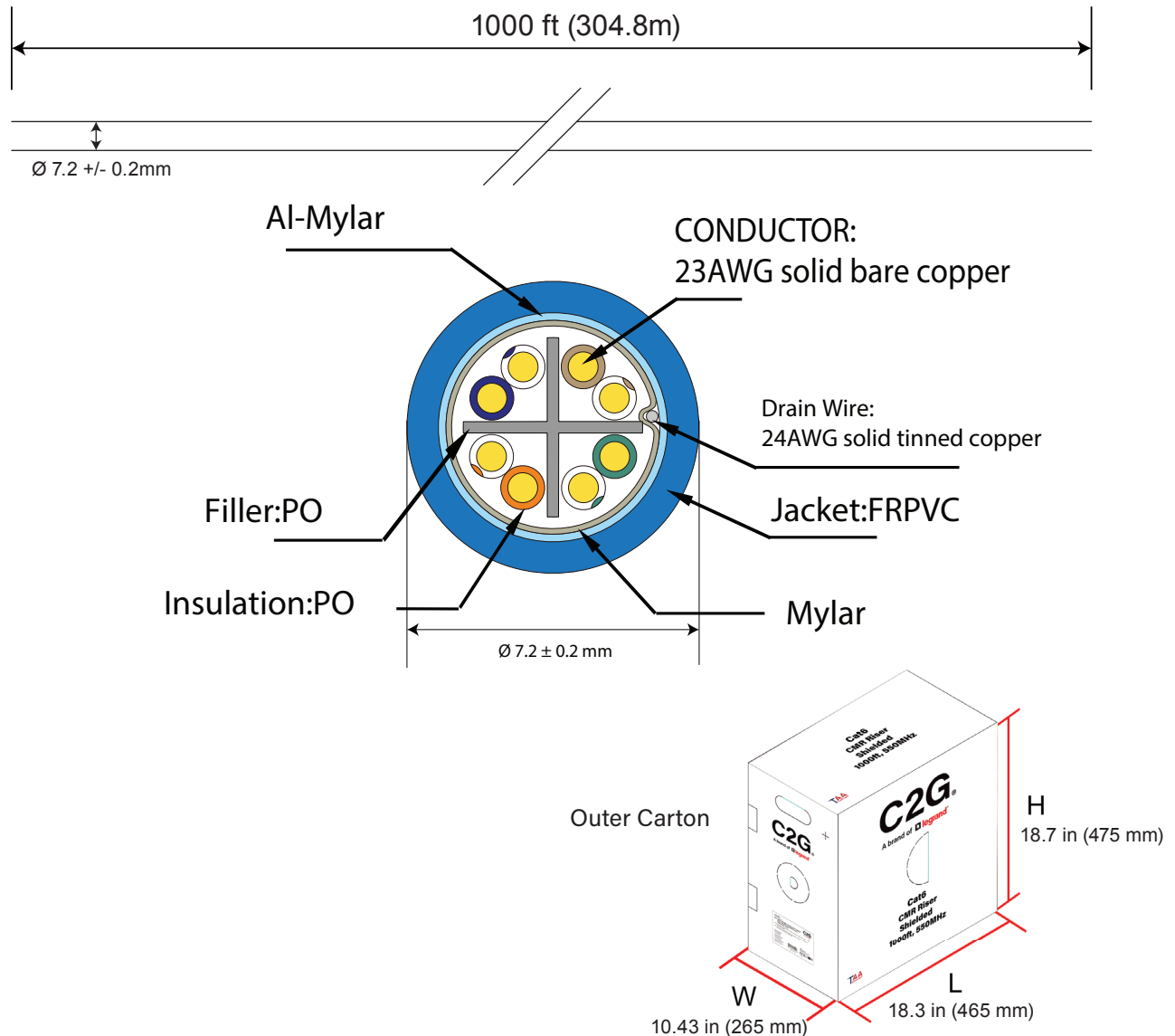
## SPECIFICATIONS

		C2G56040	
PHYSICAL SPECIFICATIONS	Conductor	Material	23AWG solid bare copper Polyolefin (PO)
	Insulation	Color code and diameter	Blue & white/blue: 1.08 ± 0.02 mm Orange & white/orange: 1.05 ± 0.02 mm Green & white/green: 1.08 ± 0.02 mm Brown & white/brown: 1.05 ± 0.02 mm
	Jacket	Material Diameter Thickness Color	Flame retardant polyvinyl chloride (FRPVC) 7.2 ± 0.2 mm 0.45 ± 0.05 mm Blue
	Filler	Material	Polyolefin (PO)
	Drain wire	Material	26AWG solid tinned copper
	Shield	Material	Al Mylar tape
		Description	100% coverage and mylar side facing out
	Overall cable	Outer Box Dimension	L1.5 x W0.87 x H1.6 ft L465 x W265 x H475 mm
		Weight	37.6lb (17.07 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	≤ 14.0 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	68%	
	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 1666 (CMR)	
	Material and Construction	UL 444; CSA 22.2 NO.214	
	EU Directive	2011/65/EU & 2015/863/EU; 2006/95/EC (LVD)	
	CPR Class	Eca	

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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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