TAA-COMPLIANT CAT6A BULK CABLE

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

C2G's TAA-Compliant Cat6a Bulk Cable is an ideal choice for customized horizontal network installations requiring high-speed and high-bandwidth capabilities. Its flexibility allows for easy installation, especially in tight spaces. 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
- Riser, CMR-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

C2G56048   1000ft (304.8m) TAA-Compliant Cat6a Bulk Unshielded (UTP) Ethernet Network Cable with Solid Conductors – Riser CMR-Rated - Blue

C2G56049   1000ft (304.8m) TAA-Compliant Cat6a Bulk Unshielded (UTP) Ethernet Network Cable with Solid Conductors – Riser CMR-Rated - Black

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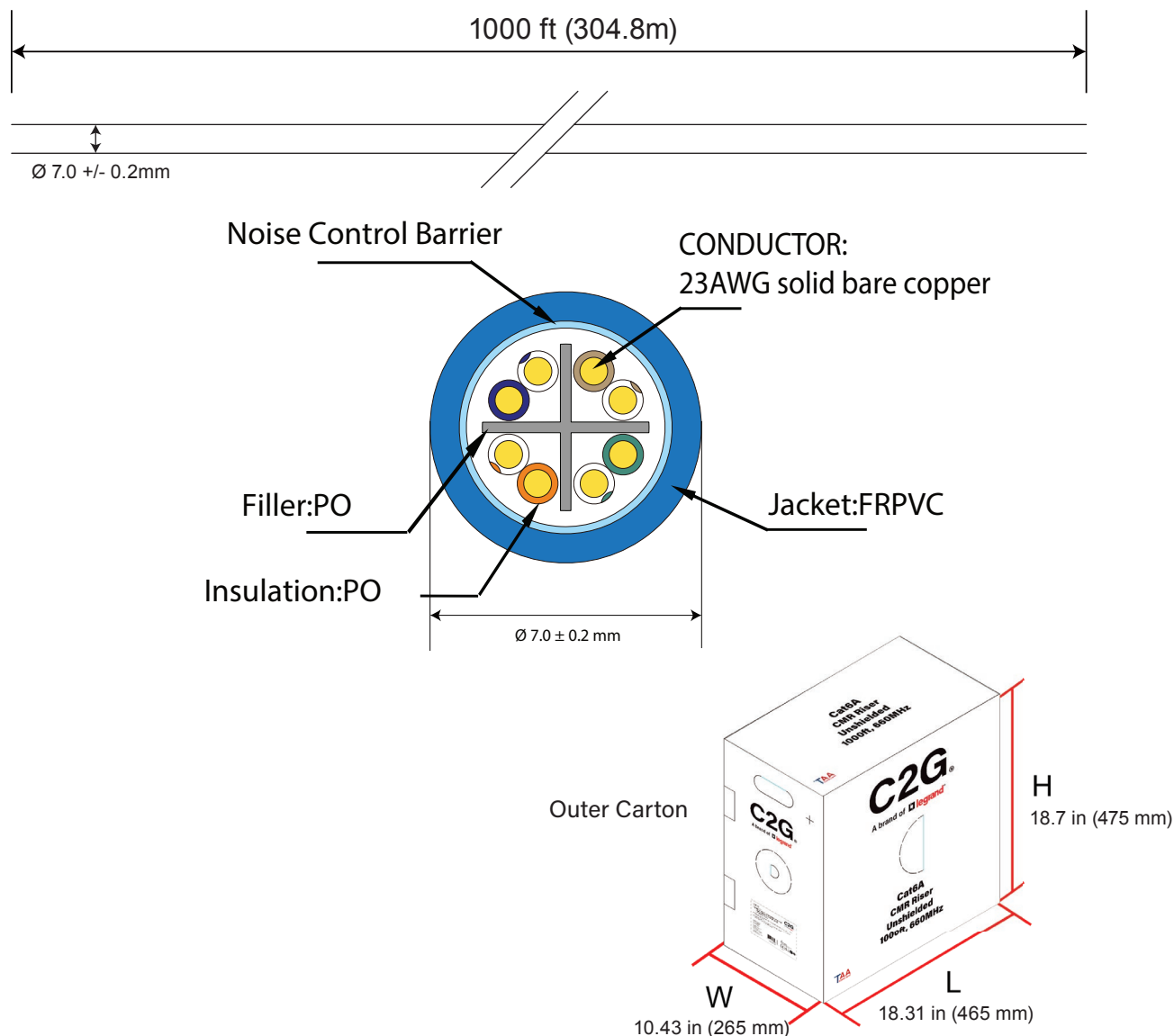
SPECIFICATIONS

			C2G56048-49
PHYSICAL SPECIFICATIONS	Conductor	Material	23AWG solid bare copper Polyolefin (PO)
	Insulation	Color code and diameter	Blue & white/blue stripe: 1.11 ± 0.02 mm Orange & white/orange stripe: 1.06 ± 0.02 mm Green & white/green stripe: 1.11 ± 0.02 mm Brown & white/brown stripe: 1.05 ± 0.02 mm
	Jacket	Material Diameter Thickness	Flame retardant polyvinyl chloride (FRPVC) 7.2 ± 0.2 mm 0.50 ± 0.05 mm
	Filler	Material	Polyolefin (PO)
	Barrier	Material	Noise Control Barrier
	Overall cable	Outer Box Dimension	L1.53 x W0.87 x H1.6 ft L465 x W265 x H475 mm
		Weight	37.9lb (17.12 kg)
	Storage Temperature		-4°F to 167°F (-20°C to 75°C)
	Operation Temperature		-4°F to 167°F (-20°C to 75°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		≤ 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		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; 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

1000 ft (304.8m)

Ø 7.0 +/- 0.2mm

Noise Control Barrier

CONDUCTOR:
23AWG solid bare copper

Filler:PO

Jacket:FRPVC

Insulation:PO

Ø 7.0 ± 0.2 mm

Outer Carton

H
18.7 in (475 mm)

W
10.43 in (265 mm)

L
18.31 in (465 mm)

Cat6A
CMR Riser
Unshielded
1000ft, 660MHz

LEGRAND | AV COMMERCIAL BRANDS

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