TAA-COMPLIANT CAT6A BULK CABLE

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

C2G's TAA-Compliant Cat6a Bulk Cable is an excellent choice for customized horizontal network installations. It supports data frequency range up to 660 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 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
- Overall metal foil screen with drain wire for enhanced network performance, reliability, and safety
- Solid bare copper construction for high-quality signal transmission
- 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

C2G56050   1000ft (304.8m) TAA-Compliant Cat6a Bulk Foil Shield (F/UTP) Ethernet Network Cable with Solid Conductors – Riser CMR-Rated - Blue

TAA-COMPLIANT CAT6A BULK CABLE

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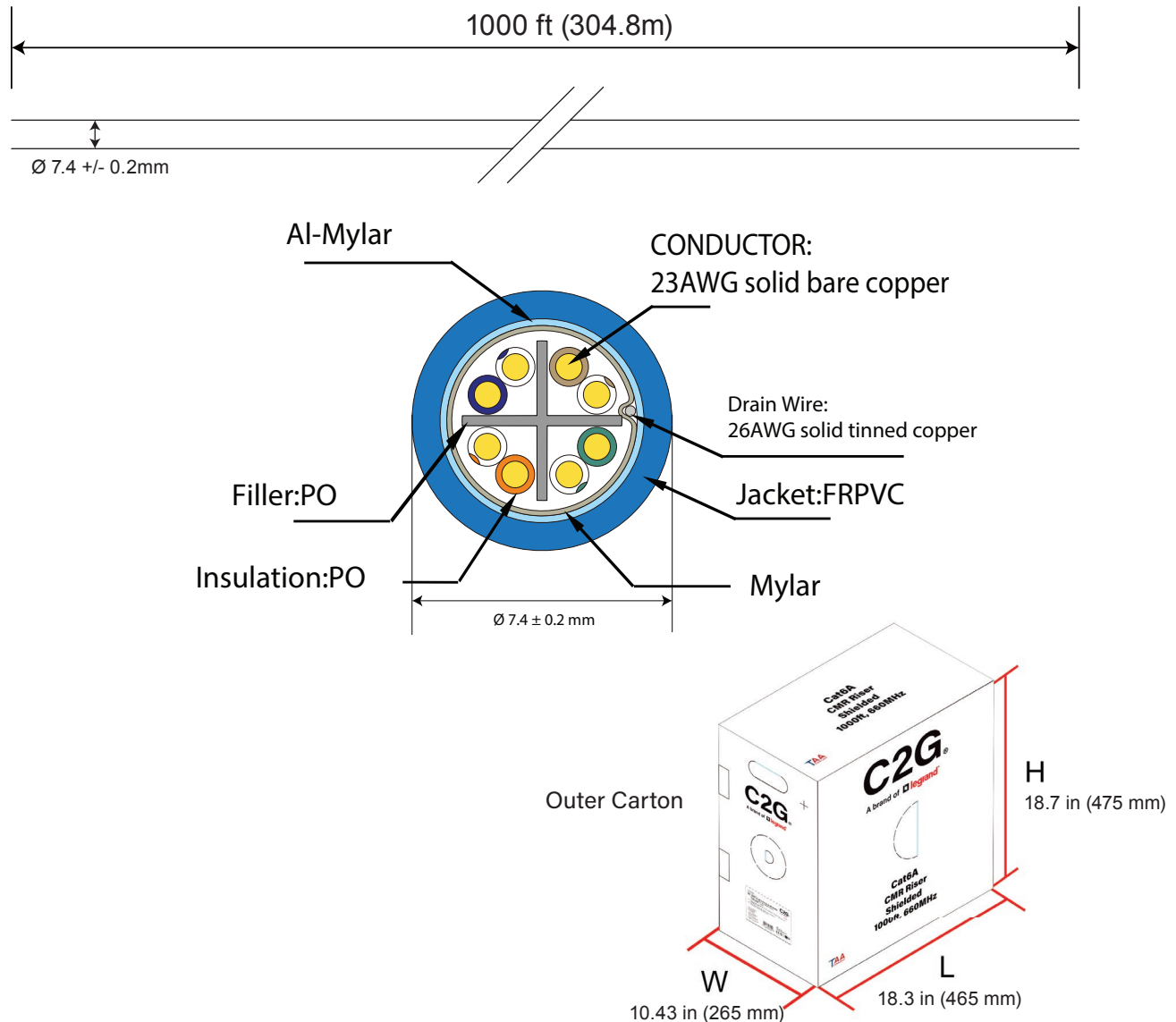Network Cable with Solid Conductors – Riser CMR-Rated

SPECIFICATIONS

			C2G56050
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 Color	Flame retardant polyvinyl chloride (FRPVC) 7.4 ± 0.2 mm 0.55 ± 0.05 mm Blue
	Filler	Material	Polyolefin (PO)
	Shield	Material	Mylar tape
		Description	100% coverage and mylar side facing out
	Drain wire	Material	26AWG solid tinned copper
	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		≥ 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		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)

TAA-COMPLIANT CAT6A BULK CABLE

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

TECHNICAL DRAWING

1000 ft (304.8m)

Ø 7.4 +/- 0.2mm

Al-Mylar

CONDUCTOR:
23AWG solid bare copper

Drain Wire:
26AWG solid tinned copper

Filler:PO

Jacket:FRPVC

Insulation:PO

Mylar

Ø 7.4 ± 0.2 mm

Outer Carton

Cat6A CMR Riser Shielded 1000ft. 660MHz

C2G
A brand of legrand

Cat6A CMR Riser Shielded 100bfr. 660MHz

H
18.7 in (475 mm)

W
10.43 in (265 mm)

L
18.3 in (465 mm)

LEGRAND | AV COMMERCIAL BRANDS

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