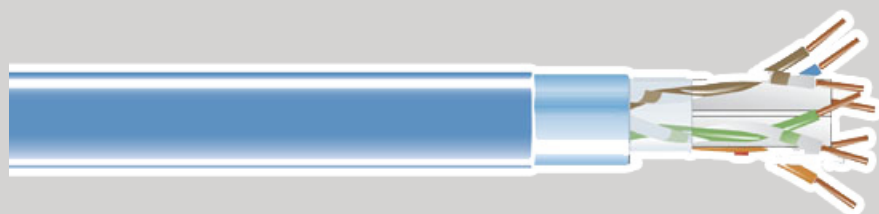


DATA SHEET

EVNSL SERIES

CATEGORY 6 SOLID ETHERNET BULK CABLE

24/7 TECHNICAL SUPPORT AT 877.877.2269 OR VISIT BLACKBOX.COM



BLACK BOX

OVERVIEW

CAT6 SOLID ETHERNET BULK CABLE DATA SHEET

INTRODUCTION

Black Box plenum rated Cat6 cable is perfect for creating custom length horizontal network cable runs. This cable offers an exceptional value for jobs that require standards compliance at a cost-effective price. This Cat6 cable also offers other features that make it easier to use, save on installation time and expense, and ensure product quality during the installation.

FEATURES

- **PREMIUM CABLING SOLUTION CONSTRUCTED TO EXCEED CAT6 INDUSTRY STANDARDS**
- **TESTED TO 400MHZ, SURPASSING THE CAT6 INDUSTRY STANDARD OF 250MHZ**
- **CMP RATED JACKETING FOR USE IN DUCTS, PLENUMS, AND SPACES USED FOR ENVIRONMENTAL AIR**
- **SOLID WIRE PROVIDES LESS FLEXIBILITY BUT BETTER ELECTRICAL CHARACTERISTICS AND LOWER ATTENUATION, MAKING IT IDEAL FOR LONG BACKBONE OR HORIZONTAL/VERTICAL RUNS**
- **IDEAL FOR CARRYING DATA, AUDIO, AND VIDEO, AND FOR USE IN 10-/100-/1000-MBPS NETWORKS**
- **ALUMINUM MYLAR TAPE WITH DRAIN WIRE SHIELD**
- **FOIL SHIELD PROTECTS AGAINST NOISE AND EMI/RFI INTERFERENCE**
- **MEETS TIA/EIA-568-C.2 CATEGORY 6, ISO/IEC 11801, UL 444, ROHS 2002/95/EC**
- **TAA COMPLIANT**

PRODUCT IMAGE

CAT6 SOLID ETHERNET BULK CABLE DATA SHEET



EVNSL0611A-1000

SPECIFICATIONS

CAT6 SOLID ETHERNET BULK CABLE DATA SHEET

SPECIFICATIONS FOR CAT6 SOLID ETHERNET BULK CABLE

FEATURE	SPECIFICATION
ACR (100 M/DB MIN.)	100 MHz: 24.5; 250 MHz: 5.5
ATTENUATION (100 M/DB MIN.)	100 MHz: 19.8; 250 MHz: 32.8; 300 MHz: 36.4; 400 MHz: 43.0
CHARACTERISTIC IMPEDANCE	1-100 MHz: 100 ±15 ohms
CONDUCTORS	Solid
INSULATION	FEP
DELAY SKEW	1-400 MHz, 30 ns/100 m maximum
ACRF (DB MIN.)	100 MHz: 27.8; 250 MHz: 19.8; 300 MHz: 18.2; 400 MHz: 15.7
GAUGE	24 AWG
NEXT (DB MIN.)	100 MHz: 44.3; 250 MHz: 38.3; 300 MHz: 37.2; 400 MHz: 35.3
PS-ACR (100 M/DB MIN.)	100 MHz: 22.5; 250 MHz: 3.5
PS-ACRF (DB MIN.)	100 MHz: 24.8; 250 MHz: 16.8; 300 MHz: 15.2; 400 MHz: 12.7
PS-NEXT (DB MIN.)	100 MHz: 42.3; 250 MHz: 36.3; 300 MHz: 35.2; 400 MHz: 33.3
FREQUENCY	400 MHz
SHIELDING OVERALL	Aluminum/Mylar® tape with drain wire (F/UTP)
CABLE DIAMETER	Outer diameter: 7.0 ± 0.2 mm
COLOR	Dependent upon SKU (See ordering section on next page for options.)
JACKET	FR PVC (Low Smoke)
TIA COMPLIANCE	TIA Compliant
LENGTH	1000 ft.
PACKAGING	Spool



ORDERING INFORMATION

CAT6 SOLID ETHERNET BULK CABLE DATA SHEET

ITEM	CODE
Blue Category 6 Bulk Ethernet Cable	EVNSL0611A-1000
Yellow Category 6 Bulk Ethernet Cable	EVNSL0614A-1000
White Category 6 Bulk Ethernet Cable	EVNSL0615A-1000
Red Category 6 Bulk Ethernet Cable	EVNSL0616A-1000
Green Category 6 Bulk Ethernet Cable	EVNSL0617A-1000
Black Category 6 Bulk Ethernet Cable	EVNSL0618A-1000
Purple Category 6 Bulk Ethernet Cable	EVNSL0619A-1000

NOTES _____

DISCLAIMER

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ABOUT BLACK BOX

Black Box® is a trusted IT solutions provider delivering cutting-edge technology products and world-class consulting services to businesses across the globe in every industry. The breadth of our global reach and depth of our expertise accelerate customer success by bringing people, ideas, and technology together to solve real-world business problems.

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