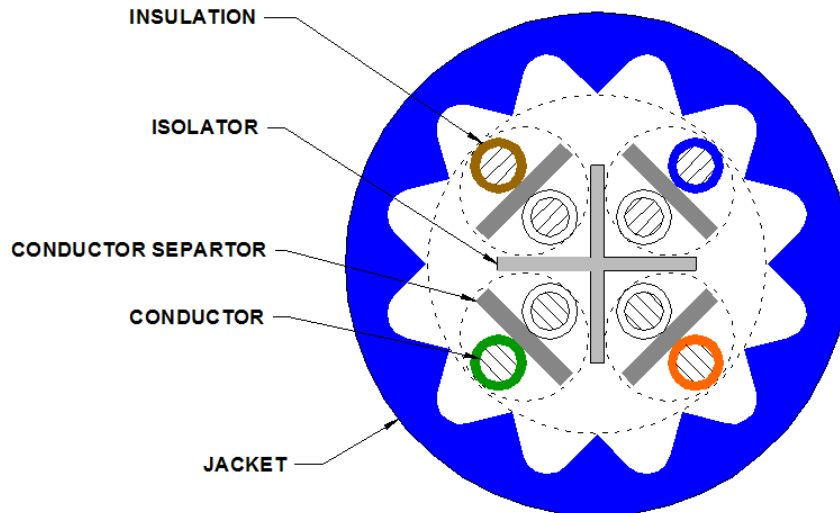




760185900 | 2091B BK 4/23 W1000

GigaSPEED X10D® 2091B ETL Verified Category 6A U/UTP Cable, black jacket, 4 pair count, 1000 ft (305 m) length, WE TOTE® box

Cross Section Drawing



Construction Materials

Jacket Material	PVC
Conductor Material	Bare copper
Insulation Material	FEP
Separator Material	FEP
Separator 2 Material	Polyolefin

Dimensions

Cable Length	305 m 1000 ft
Cable Weight	40.70 lb/kft
Diameter Over Jacket	7.239 mm 0.285 in
Jacket Thickness	1.295 mm 0.051 in

Electrical Specifications

ANSI/TIA Category	6A
dc Resistance Unbalance, maximum	4 %
dc Resistance, maximum	7.61 ohms/100 m
Mutual Capacitance	6.0 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	66 %
Operating Frequency, maximum	550 MHz
Operating Voltage, maximum	80 V

760185900 | 2091B BK 4/23 W1000

Transmission Standards ANSI/TIA-568-C.2 | ISO/IEC 11801 Class EA
Dielectric Strength, minimum 1500 Vac | 2500 Vdc

Environmental Specifications

Environmental Space Plenum
Flame Test Method CMP
Installation Temperature 0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature -20 °C to +60 °C (-4 °F to +140 °F)
Smoke Test Method CMP
UL Temperature Rating 75 °C | 167 °F

General Specifications

Cable Type U/UTP (unshielded)
Pairs, quantity 4
Cable Component Type Horizontal
Packaging Type WE TOTE® box
Brand GigaSPEED X10D® | SYSTIMAX®
Jacket Color Black
Product Number 2091B
Conductor Gauge, singles 23 AWG
Conductor Type, singles Solid
Conductors, quantity 8
Separator Type Isolator

Mechanical Specifications

Pulling Tension, maximum 11 kg | 25 lb

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

