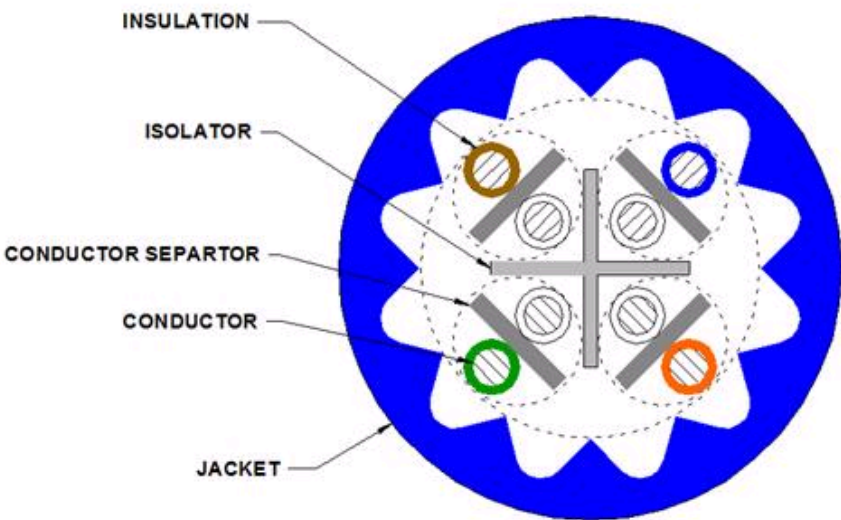# Product Specifications

COMMSCOPE®

760118521 | 2091B PR 4/23 R3000

GigaSPEED® X10D 2091B ETL Verified Category 6A U/UTP Cable, purple jacket, 4 pair count, 3000 ft (914 m) length, reel

Cross Section Drawing

Construction Materials

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

Dimensions

Cable Length	914 m	3000 ft
Cable Length Tolerance	±5%
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	8.00 ohms/100 m
Mutual Capacitance	6.0 nF/100 m @ 1 kHz

Product Specifications

COMMSCOPE®

Nominal Velocity of Propagation (NVP)	66 %
Operating Frequency, maximum	550 MHz
Operating Voltage, maximum	80 V
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

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

Mechanical Specifications

Pulling Tension, maximum	11 kg	25 lb

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2002/95/EC	Compliant
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

RoHS COMPLIANT