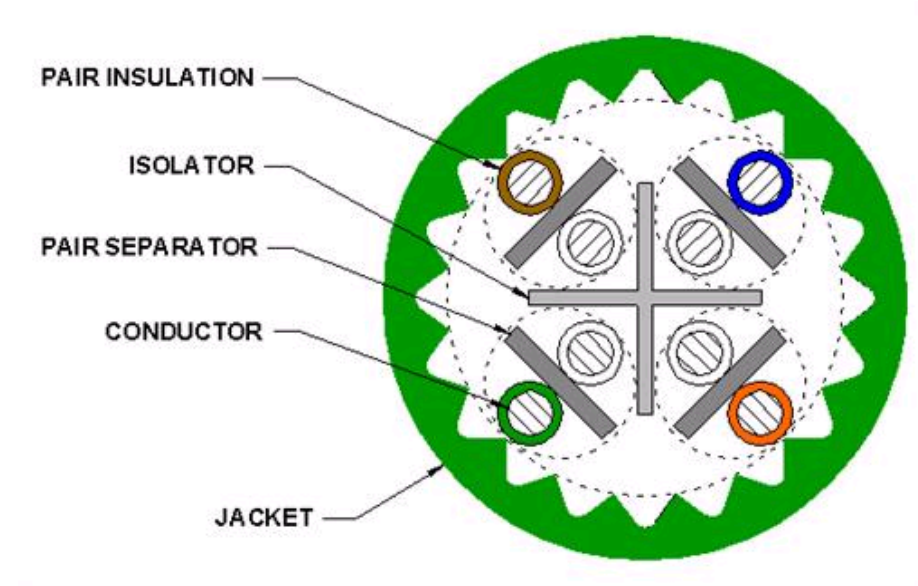# Product Specifications

COMMSCOPE®

760142505 | 1088B GR 4/23 R1000

GigaSPEED Xpress® 1088B ETL Verified Category 6 U/UTP Cable, non-plenum, green jacket, 4 pair count, 1000 ft (305 m) length, reel

Cross Section Drawing

Construction Materials

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

Dimensions

Cable Length	305 m | 1000 ft
Cable Weight	28.50 lb/kft
Diameter Over Jacket	6.223 mm | 0.245 in
Jacket Thickness	0.762 mm | 0.030 in

Electrical Specifications

ANSI/TIA Category	6
dc Resistance Unbalance, maximum	4 %
dc Resistance, maximum	8.00 ohms/100 m
Mutual Capacitance	6.0 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	65 %

Product Specifications

COMMSCOPE®

Operating Frequency, maximum	500 MHz
Operating Voltage, maximum	80 V
Transmission Standards	ANSI/TIA-568-C.2	ANSI/TIA/EIA-TSB-155 (up to 60 m)	CENELEC EN 50288-6-1	ISO/IEC 11801 Class E
Dielectric Strength, minimum	1500 Vac	2500 Vdc

Environmental Specifications

Environmental Space	Non-plenum
Flame Test Method	CMG	CMR
Installation Temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
UL Temperature Rating	75 °C	167 °F

General Specifications

Brand	GigaSPEED Xpress®	SYSTIMAX®
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Pairs, quantity	4
Jacket Color	Green
Conductor Gauge, singles	23 AWG
Conductor Type, singles	Solid
Conductors, quantity	8
Separator Type	Isolator
Packaging Type	Reel
Product Number	1088B

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