



106824469 | 1010A GY 100/24 R1000

CommScope® 1010A Category 3 U/UTP Cable, non-plenum, gray jacket, 100 pair count, 1000 ft (305 m) length, reel

Construction Materials

Conductor Material	Bare copper
Insulation Material	PVC
Jacket Material	PVC
Ripcord Material	Nylon

Dimensions

Cable Length	305 m 1000 ft
Cable Weight	172.00 lb/kft
Diameter Over Jacket	18.923 mm 0.745 in
Jacket Thickness	0.813 mm 0.032 in

Electrical Specifications

ANSI/TIA Category	3
Characteristic Impedance	100 ohm
Characteristic Impedance Tolerance	±15 ohm
dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	9.38 ohms/100 m
Mutual Capacitance	6.6 nF/100 m @ 1 kHz
Operating Frequency, maximum	16 MHz
Transmission Standards	ANSI/TIA-568-C.2
Safety Voltage Rating	300 V
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)

General Specifications

Brand	CommScope®
Cable Component Type	Backbone
Cable Type	U/UTP (unshielded)
Pairs, quantity	100
Jacket Color	Gray

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Conductor Gauge, singles	24 AWG
Conductor Type, singles	Solid
Conductors, quantity	200
Packaging Type	Reel
Product Number	1010A

Mechanical Specifications

Pulling Tension, maximum	68 kg 150 lb
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Regulatory Compliance/Certifications

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

