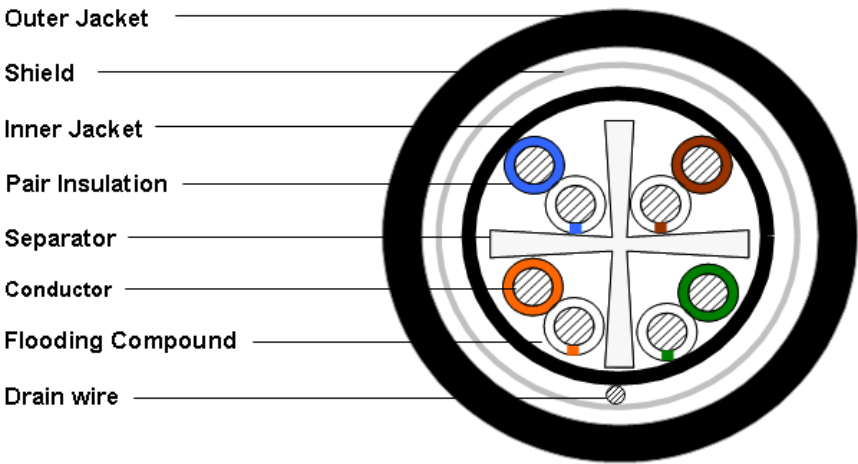


760170886 | 1572A BK 4/24 R1000
1572A Category 6 F/UTP Cable, outdoor, black jacket, aluminum tape shield, inner jacket, 4 pair count, 1000 ft (305 m) length, reel

Cross Section Drawing



Construction Materials

Jacket Material	PE
Conductor Material	Bare copper
Drain Wire Material	Tinned copper
Insulation Material	Polyolefin
Separator Material	Polyolefin
Shield (Tape) Material	Aluminum/Poly

Dimensions

Cable Length	305 m 1000 ft
Cable Weight	43.50 lb/kft
Diameter Over Inner Jacket	6.502 mm 0.256 in
Diameter Over Jacket	8.382 mm 0.330 in
Inner Jacket Thickness	0.457 mm 0.018 in
Jacket Thickness	0.686 mm 0.027 in

Electrical Specifications

ANSI/TIA Category	6
dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	9.38 ohms/100 m

760170886 | 1572A BK 4/24 R1000

Mutual Capacitance	6.0 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	62 %
Operating Frequency, maximum	250 MHz
Operating Voltage, maximum	80 V
Transmission Standards	ANSI/TIA-568-C.2 CENELEC EN 50288-6-1 ISO/IEC 11801 Class E
Dielectric Strength, minimum	1500 Vac 2500 Vdc
Note	Delay has been derated by 6% due to the water proofing agents The maximum permanent link length is reduced from 295 feet to 277 feet as a result of the derating

Environmental Specifications

Environmental Space	Buried
Installation Temperature	-30 °C to +70 °C (-22 °F to +158 °F)
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)

General Specifications

Cable Type	F/UTP (shielded)
Pairs, quantity	4
Cable Component Type	Horizontal
Packaging Type	Reel
Brand	SYSTIMAX®
Jacket Color	Black
Conductor Gauge, singles	24 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

