



CAT5E Hi-Flex Rugged 4 Pair 26AWG FTP Shielded Stranded Black Cable - Pur Jacket - (Per Foot)

BK-C5EST-4AVS- Specifications

Description

This bulk Cat5e cable consists of 4 pairs of 24AWG stranded wires. It is a Hi-Flex bulk cable suitable for harsh environments, applications requiring a rugged patch cord assembly, and for use in plug to plug channels.

Features:

- Hi-Flex bulk cable
- Ideally used for harsh environment applications
- Can also be used in applications requiring a rugged patch cord assembly and for use in plug to plug channels

Physical Characteristics

Color	Black
Number of Pairs	4 Pairs
Wire Gauge	24AWG Stranded
Conductor Material	Stranded Tinned Copper
Stranding Count	7/32
UV Resistant Jacket	Yes
Jacket	Polyurethane
Bend Radius	1 inch for static bend
Nominal Diameter	0.019 inches (Conductor) 0.039 inches max (Insulation) 0.078 inches (Pairs) 0.170 inches (Cable) 0.220 inches max (Jacket) 0.176 inches (Shield)
Temperature Rating	-40 deg C to 75 deg C

Electrical Characteristics (per 100m / per 328ft)

Mutual Capacitance	13.5 pf/ft. at 1 MHz
Minimum Dielectric Withstanding	1500V RMS
Max Voltage Rating	300V
Max D.C. Resistance	42.6 Ω /1000ft
Impedance	100 +/- 15 Ω 1 to 100 MHz





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SRL	23 dB 1-20 MHz 23 - 10 log(f/20) 20-100 MHz
Return Loss	1 ≤ f < 10 MHz 20 + 5 log(f) dB MIN 10 ≤ f < 20 MHz 25 dB MIN 20 ≤ f ≤ 100 MHz 25 - 8.6 log(f/20) dB MIN
PS NEXT	1 ≤ f < 100 MHz 32.3 - 15 log(f/100) min
NEXT	1 ≤ f < 100 MHz 35.3 - 15 log(f/100) min
PSACRF	1 ≤ f < 100 MHz 20.8 - 20 log(f/100) min
ACRF	1 ≤ f < 100 MHz 23.8 - 20 log(f/100) min
Insertion Loss	1 ≤ f ≤ 100 MHz 1.5[1.967 √f + 0.023(f) + 0.050/√f] dB MAX
Delay	1 ≤ f ≤ 100 MHz 534 + 36/√f ns MAX
Delay Skew	1 ≤ f ≤ 100 MHz < 25ns
LCL	1 ≤ f ≤ 100 MHz -38dB MIN
Velocity of Propagation	68%

Environmental

RoHS Yes

Manufacturer Information

Quabbin Part Number 5710

Packaging Information

Package Quantity 1

Product Weight 0.03 lbs

