

PRODUCT SPECIFICATION SHEET

Product Name: Black Box® GigaTrue®3 Cat 6 & Cat 6A Patch Cables

Property	Values
ACRF	27.8 dB at 100 MHz 13.8 dB at 500 MHz 11.5 at 650 MHz
Conductor Gauge	26 AWG, 7/34 tinned copper
DC Resistance	14.0 ohms
Diameter	0.22" (5.9 mm)
Delay Skew	< 25 ns
Jacket	PVC CMR
Impedance	100 ± 15 ohms at 100 MHz 00 ± 20 ohms at 100-550 MHz
Insertion Loss	28.7 dB at 100 MHz 67.9 dB at 500 MHz 78.5 dB at 650 MHz
Mutual Capacitance	13.5 pF/ft at 1.0 MHz
NEXT	44.3 dB at 100 MHz 33.8 dB at 500 MHz 32.1 dB at 650 MHz
PS-ANEXT	62.5 dB at 100 MHz
PS-ACRF	24.8 dB at 100 MHz 10.8 at 500 MHz 8.5 at 650 MHz
PS-NEXT	42.3 dB at 100 MHz 31.8 dB at 500 MHz 30.1 dB at 650 MHz
Return Loss	19 dB at 100 MHz
Standards	TIA/EIA-568-C.2 CAT6A UL E196163-G RoHS
Velocity of Propagation	68%
Voltage Rating	300V