



USB Superbooster Dongle - Transmitter

- One active component of a complete solution that when paired with a receiver (sold separately), conquers USB length limitations
- Complete solution extends the signal of USB device to a host computer up to 150ft over Cat5/Cat5E/Cat6 cable
- Plug-and-Play
- Compatible with any computer that supports USB
- Use with existing part numbers (29345, 29346, 29347, 29350)
- USB 1.1 compliant
- One year warranty

Specifications: USB Superbooster Dongle - Transmitter

Electrical Characteristics:

Chip Power:	3.3V
Max Supply Current Drawn:	20mA
Capacitance:	20pF
Output Resistance:	28~44 Ohms
Max Cable Voltage Drop:	0.09V
Cable Data Signaling High:	460~550 (mV)
Cable Data Signaling Low:	-10~10 (mV)
Cable Idle Level:	-10~10 (mV)
Cable Chip Signal Delay:	13.5ns
Cable Length Max:	30m

Physical Characteristics:

Temperature Rating:	80°C
Voltage Rating:	30V
Flammability Rating:	VW-1
Operating Temperature:	-40~85°C

Connectors:

USB 1.1 A Connector

Gender:	Male
Insulation:	White PBT
Contact Material:	Gold Plated 3 μ
Shell Material:	Nickel Plated
Hood Material:	Molded Black PVC

RJ45 Jack PCB SMD

Gender:	Female
Insulation:	Black PBT
Contact Material:	Gold Plated 3 μ
Shell Material:	Nickel Plated
Housing Material:	Black ABS

Cable Construction:

Conductor 1 (x2)

Material:	Stranded Tinned Copper
Size:	28AWG (7/0.12 TC)
Insulation:	HD-PE
OD:	0.90mm
Color:	White, Green (twisted pair)

Conductor 2 (x2)

Material:	Stranded Tinned Copper
Size:	28AWG (7/0.12 TC)
Insulation:	SR-PVC
OD:	1.1mm
Color:	Red, Black

Drain Wire

Material:	Tinned Copper
Size:	28AWG (7/0.12 TC)

Shield 1

Material:	Aluminum Mylar Wrap
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Shield 2

Material:	Braided Copper
Coverage:	65%

Jacket

Material:	PVC
OD:	4.7mm

Approvals:

RoHS Compliant

Warranty:

One Year

Package Type:

Color Box

Package Size:

115 x 45 x 120 (mm)

Product Weight:

0.25 lbs

