BSD550U

Networking cable - CAT5E - U/UTP - RJ45 - LSHF

Highlights:

- Flexible PVC jacket
- 26 AWG stranded conductors
- LSHF jacket
- 0.21 " (Ø) outer diameter
- Oxygen free copper
- Wired according to ANSI/TIA/EIA 568B (straight)



Product information:

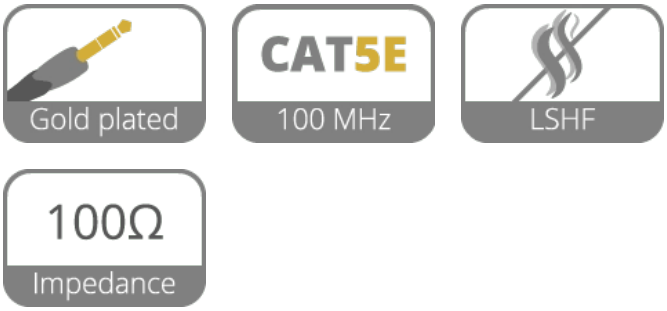
The BSD550U is a basic series CAT5E U/UTP networking cable, offering reliable interconnections in a wide variety of applications, ranging from general purpose office computer systems to digital AV network systems. Both ends are terminated by male RJ45 connectors with gold plated contacts.

The conductor section consists of 4 pairs stranded 26 AWG conductors guaranteeing an optimal signal transmission. The low-smoke & halogen free jacket material allows usage in installations in public and other demanding buildings.

Supports 10Base-T, 100Base-TX and 1000Base-T gigabit networks.

Supports Dante, Cobranet, Ethersound, HdbaseT and other AV network protocols

Properties:



Product Features:

Application	AV & IT
Series	Connect Series

We reserve the right to change specifications without notice, this is part of our policy to continually improve our products.

Physical Characteristics:

Inner conductor	Insulation	Material	HDPE 0.036 " (Ø)
		Colours	Green / White & Green ; Blue / White & Blue ; Orange / White & Orange ; Brown / White & Brown
Outer jacket	Colours		Black
	Material		LSHF 5.3 mm (Ø)
Type of cable			U/UTP CAT5E Networking cable
Inner conductor	Material		BC 7 x 0.16 mm (Ø) (OFC)
	Section		0.00022 “²
	American Wire Gauge		26 AWG
	Conductor twisting		Lay length ≤ 30 mm
Connection type			RJ45 male to RJ45 male

Standards & regulations:

RoHS2 compliant	According EU Directive 2011/65/EU
Reach compliant	According EC 1907/2006
Flammability test	According IEC 60332-1
Indoor / outdoor	Indoor
Circuit integrity	n/a
Smoke emissions	According IEC 61034
Zero halogen compounds	According EN 50267-2-1
	IEC 60754
Cabling standard	ANSI TIA-EIA 568B

Electrical Characteristics:

Max. conductor	DC resistance	130 (Ω / Km)
	DC resistance unbalanced	5 %
Dielectric strength		1.5 (KV / 1 min. DC)
Max. Delay / Skew		45 (ns / 3937.0079 ")
Rated voltage		72 V
Nom. Velocity of propagation		65 %
Characteristic impedance		100 Ω ± 10 Ω
Nom. mutual capacitance		≤ 5.6 (nF / 100 m)
Pair to ground capacitance unbalance		≤ 330 (nF / 100 m)

Mechanical Characteristics:

Temperature range	Fixed installation	- 20 °C till + 75 °C
	Mobile installation	- 15 °C till + 60 °C
Bending radius	Fixed installation	4 x outer diameter
	Mobile installation	6 x outer diameter

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