

BSD550UX Networking cross cable - CAT5E - U/UTP - RJ45 - LSHF

Highlights:

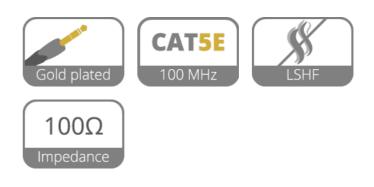
- Flexible PVC jacket
- 26 AWG stranded conductors
- LSHF jacket
- 0.21 " (Ø) outer diameter
- Oxygen free copper

Product information:

The BSD550UX is a basic series CAT5E U/UTP networking cross cable, offering reliable interconnections between two network devices. Both ends are terminated by a red male RJ45 connector with gold plated contacts. The conductor section consists of 4 pairs stranded 26 AWG conductors guaranteeing an optimal signal transmission. The low-smoke & amp; 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

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		$100 \ \Omega \pm 10 \ \Omega$
Nom. mutual capac	itance	≤ 5.6 (nF / 100 m)
Pair to ground capa	citance unbalance	≤ 330 (nF / 100 m)

Mechanical Characteristics:

Temperature range	Fixed installation	- 68 °F till + 167 °F
	Mobile installation	- 59 °F till + 140 °F
Bending radius	Fixed installation	4 x outer diameter
	Mobile installation	6 x outer diameter