



Highlights:

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

Product information:

The BSD560F is a basic series CAT6 F/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 pair solid 26 AWG conductors which guarantees an optimal signal transmission while the shielding consisting of an overall aluminum foil offers a high immunity to noise and interference caused by external devices. The low-smoke & Dante free jacket material allows usage in installations in public and other demanding buildings. Supports 10Base-T, 100Base-TX, 1000Base-T and 10GBase-T gigabit. Supports Dante, Cobranet, Ethersound, HdbaseT and other AV network protocols

















Product Features:

Application AV & IT

Series Connect Series

Physical Characteristics:

Inner conductor	Insulation	Material	HDPE 0.035 " (Ø)
		Colours	Green / White & Green ; Blue / White & Blue ; Orange / White & Orange ; Brown / White & Brown
	Shielding	Aluminium foil	Al-mylar, 100% coverage - 25% Overlap
Outer jacket	Material		LSHF 5.9 mm (Ø)
	Colours		Black
Type of cable			F/UTP CAT6 Networking cable
Inner conductor	Material		BC 1 x 0.42 mm (Ø) (OFC)
	Section		0.00022 "2
	American Wire Gauge		26 AWG
	Number of conductors		8 (4 pairs)
	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

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

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 pro	pagation	65 %
Characteristic impe	dance	100 Ω ± 10 Ω
Nom. mutual capac	tance	≤ 5.6 (nF / 100 m)
Pair to ground capa	citance unbalance	≤ 330 (nF / 100 m)

/ariants:		
BSD560F/2 - 2 meter		