



SPECIFICATIONS - CAT6/6A

SIMPLY45-CAT6

   	Performance:	Meets or Exceeds ANSI/TIA 568-D.2; ISO/IEC 11801 Class D; ANSI/TIA 1096-A; IEC 60603-7
	Cat6 UTP Wire Cond(s) OD:	23AWG UTP, Up to 0.043" (1.10mm)
	Max Cable Outer Diameter:	0.276" (7.0mm)
	Supports PoE/PoH:	Yes
	Cable Fire Resistance Ratings:	CMP, CMR, CM, CMX, LSZH up to B2ca EuroClass
	Flame Autoextinguish:	UL94 V0, IEC 60695-11-10
	Contact Material:	Phosphor Bronze - .012" thick
	Contact Plating:	Min 50 Micro-Inch Pure Gold - 24 Carat Hard Gold Plate in contact area over 100 Micro-Inch Min Nickel Plating. Exceeds ANSI/TIA-1096-A specifications (formerly FCC Part 68)
	Plug Material:	Polycarbonate
	Plug Tolerances and Dimensions:	Meets ANSI/TIA-1096-A specifications (formerly FCC Part 68)
	Conductor Type(s):	Solid and Stranded
	Operating Temperature:	-40° C to +70° C
	Insertion/Extraction Life:	2000 Minimum Cycles
	Contact Resistance:	20 Milli-Ohms max
	Current/Voltage:	30 VAC/42 VDC at 1.5 Amps
	Compliance:	UL Listed, RoHS, FCC, NEC

SIMPLY45-CAT6A

   	Performance:	Meets or Exceeds ANSI/TIA 568-D.2; ISO/IEC 11801 Class D; ANSI/TIA 1096-A; IEC 60603-7
	Cat6/6A UTP Wire Cond(s) OD:	23AWG UTP, Up to 0.045" (1.15mm)
	Max Cable Outer Diameter:	0.291" (7.4mm)
	Supports PoE/PoH:	Yes
	Cable Fire Resistance Ratings:	CMP, CMR, CM, CMX, LSZH up to B2ca EuroClass
	Flame Autoextinguish:	UL94 V0, IEC 60695-11-10
	Contact Material:	Phosphor Bronze - .012" thick
	Contact Plating:	Min 50 Micro-Inch Pure Gold - 24 Carat Hard Gold Plate in contact area over 100 Micro-Inch Min Nickel Plating. Exceeds ANSI/TIA-1096-A specifications (formerly FCC Part 68)
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	Compliance:	UL Listed, RoHS, FCC, NEC