

## SPECIFICATIONS - CAT6/6A

SIMPLY45-CAT6		
   	<b>Performance:</b>	Meets or Exceeds ANSI/TIA 568-D.2; ISO/IEC 11801 Class D; ANSI/TIA 1096-A; IEC 60603-7
	<b>Cat6 UTP Wire Cond(s) OD:</b>	23AWG UTP, Up to 0.043" (1.10mm)
	<b>Max Cable Outer Diameter:</b>	0.276" (7.0mm)
	<b>Supports PoE/PoH:</b>	Yes
	<b>Cable Fire Resistance Ratings:</b>	CMP, CMR, CM, CMX, LSZH up to B2ca EuroClass
	<b>Flame Autoextinguish:</b>	UL94 V0, IEC 60695-11-10
	<b>Contact Material:</b>	Phosphor Bronze - .012" thick
	<b>Contact Plating:</b>	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)
	<b>Plug Material:</b>	Polycarbonate
	<b>Plug Tolerances and Dimensions:</b>	Meets ANSI/TIA-1096-A specifications (formerly FCC Part 68)
	<b>Conductor Type(s):</b>	Solid and Stranded
	<b>Operating Temperature:</b>	-40° C to +70° C
	<b>Insertion/Extraction Life:</b>	2000 Minimum Cycles
	<b>Contact Resistance:</b>	20 Milli-Ohms max
<b>Current/Voltage:</b>	30 VAC/42 VDC at 1.5 Amps	
<b>Compliance:</b>	UL Listed, RoHS, FCC, NEC	

SIMPLY45-CAT6A		
   	<b>Performance:</b>	Meets or Exceeds ANSI/TIA 568-D.2; ISO/IEC 11801 Class D; ANSI/TIA 1096-A; IEC 60603-7
	<b>Cat6/6A UTP Wire Cond(s) OD:</b>	23AWG UTP, Up to 0.045" (1.15mm)
	<b>Max Cable Outer Diameter:</b>	0.291" (7.4mm)
	<b>Supports PoE/PoH:</b>	Yes
	<b>Cable Fire Resistance Ratings:</b>	CMP, CMR, CM, CMX, LSZH up to B2ca EuroClass
	<b>Flame Autoextinguish:</b>	UL94 V0, IEC 60695-11-10
	<b>Contact Material:</b>	Phosphor Bronze - .012" thick
	<b>Contact Plating:</b>	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)
	<b>Plug Material:</b>	Polycarbonate
	<b>Plug Tolerances and Dimensions:</b>	Meets ANSI/TIA-1096-A specifications (formerly FCC Part 68)
	<b>Conductor Type(s):</b>	Solid and Stranded
	<b>Operating Temperature:</b>	-40° C to +70° C
	<b>Insertion/Extraction Life:</b>	2000 Minimum Cycles
	<b>Contact Resistance:</b>	20 Milli-Ohms max
<b>Current/Voltage:</b>	30 VAC/42 VDC at 1.5 Amps	
<b>Compliance:</b>	UL Listed, RoHS, FCC, NEC	

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