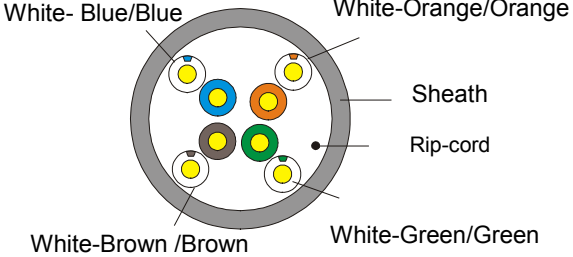


SCP PART#: CAT5E-P

CAT5E PLENUM- 350 MHz 24 AWG SOLID 4PR UTP, TIA/EIA 568-C.2, CMP- 1000 FT BOX

Date	Prepared by	Checked by	Approved by	Version	Revision Declaration																																																																											
2015-04-22	Caihangle	Nidonghua	Wangfuzhu	A0																																																																												
Content of the Data Sheet																																																																																
Sheath Printing	STRUCTURED CABLE PRODUCTS P/N CAT5E-P -CAT5E ENHANCED 350 MHz UTP VERIFIED TO ANSI/TIA-568-C.2 E198134 -Z (UL) CMP 4PR 24AWG 75C--EU RoHS EC **** FEET MM/YY																																																																															
Category	U/UTP CAT5E-4P-CMP PVC																																																																															
Test Standard	ISO/IEC11801、TIA-568-C.2 YD/T1019																																																																															
Conductor	Material	Solid-Bare Copper																																																																														
	Nom.O.D.(mm)	0.500	up	+0.01																																																																												
			down	-0.01																																																																												
Insulation	Material	FEP																																																																														
	Diameter	0.85±0.03mm																																																																														
Sheath	Thickness	0.40±0.05 mm																																																																														
	External O.D.	4.8±0.4 mm																																																																														
	Surface	Clean,Frap,Satiation																																																																														
	Material	CMP PVC(complies RoHS)																																																																														
	Color	According to the requires																																																																														
Surface Printing	Letter height	3.0±0.3mm																																																																														
	Color	Black																																																																														
	Print error & Space	≤±0.5%, 1m																																																																														
Core Color	1 White- Blue /Blue	2 White-Orange /Orange																																																																														
	3 White- Green /Green	4 White- Brown /Brown																																																																														
Packing	Box 305m, 45 boxes each pallet																																																																															
Weight :	N.W 9.40KGS/ G.W 11.80KGS																																																																															
Packing length	(305±1.5)m																																																																															
Rip-cord	Yes	Drain wire	No																																																																													
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)	≥13.5																																																																														
	Elongation(%)	≥150																																																																														
	Aging Period(°C × hrs)	100°C×2																																																																														
	After Aging Tensile Strength(Mpa)	≥12.5																																																																														
	Elongation(%)	≥125																																																																														
	Cold bend(-20±2°C×4h)	8×Cable O.D	No visible cracks																																																																													
Electrical Characteristics (20 °C)	1.0-100.0MHZ Impedance(Ω)	100±15																																																																														
	1.0-100.0MHZ Delay Skew (ns/100m)	≤45																																																																														
	Velocity of Propagation (%) (NVP)	74																																																																														
	DC ResistanceΩ/100m) max	9.5																																																																														
	DC Conductor Resistance Unbalance(%) max	5.0																																																																														
																																																																																
Technical Performance :																																																																																
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