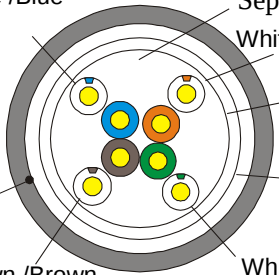


SCP Part #: CAT5E-DB

Product Specifications: CAT5E DIRECT BURIAL- 350 MHz 24 AWG SOLID 4PR UTP, WBT, TIA/EIA 568-C.2, ISO/IEC 11801 Ed2, LLDPE JKT- BLACK- 1000 FT SPOOL

Date	Prepared by	Checked by	Approved by	Version	Revision Declaration	
2013-11-14	Caixiaoping	Nidonghua	Wangfuzhu	A0		
Content of the Data Sheet						
Sheath Printing	STRUCTURED CABLE PRODUCTS --- P/N CAT5E-DB --- CAT5E DIRECT BURIAL ENHANCED 350 MHz 4 PR 24 AWG SOLID UTP WATER BLOCKING TAPE LLDPE VERIFIED TO ANSI/TIA-568-C.2 CE EU RoHS EC ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 XXXX FEET MM/YY					
Category	U/UTP- WBT CAT5E-4P-PE				White- Blue /Blue Seperator White-Orange /Orange Mylar Water Blocking tape Drain wire White-Green /Green White-Brown /Brown Rip-cord 	
Test Standard	ISO/IEC11801、TIA- 568-C.2 YD/T 1019					
Conductor	Material	Solid Bare copper				
	Nom.O.D.(mm)	0.500	up	+0.005		
Insulation	Material	HDPE				
	Diameter	0.87±0.03 mm				
Screening Material	Mylar + Water Blocking Tape					
Sheath	Thickness	0.60±0.05mm			Technical Performance :	
	External O.D.	5.8±0.5 mm			(MHz)	RL ATT NEXT DELAY
	U.V Stability	U.V Resistant			1	20.0 2.0 65.3 570.00
	Material	LLDPE (complies RoHS)			4.0	23.0 4.1 56.3 552.00
	Color	Black			8.0	24.5 5.8 51.8 546.73
Surface Printing	Letter height	3.0±0.3mm			10.0	25.0 6.5 50.3 545.38
	Color	White			16.0	25.0 8.2 47.2 543.00
	Print error & Space	≤±0.5%, 1m			20.0	25.0 9.3 45.8 542.05
					25.0	24.3 10.4 44.3 541.20
Core Color	1 White- Blue /Blue	2 White-Orange /Orange			31.25	23.6 11.7 42.9 540.44
	3 White- Green /Green	4 White- Brown /Brown			62.5	21.5 17.0 38.4 538.55
Packing	Wooden Reel, 45 reels each pallet				100	20.1 22.0 35.3 537.60
Weight :	N.W 9.30KGS/ G.W 10.80KGS				*155	18.0 28.1 32.4 536.90
Packing length	305±1.5m				*200	17.4 32.4 30.8 536.50
Rip-cord	Yes	Drain wire	Yes		*300	16.5 41.8 29.3 536.10
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)	≥10.0			*350	16.0 44.9 27.1 535.90
	Elongation(%)	≥350				
	Aging Period (℃× hrs)	100℃×24h×10d				
	After Aging Elongation(%)	≥300				
	Cold bend(-20±2 ℃×3×Cable O.D., No visible cracks)					
Electrical Characteristics (20 ℃)	Delay Shew (ns/100m)	≤45				
	Velocity of Propagation (%)	68				
	DC Resistance (Ω/100m) max	9.38				
	DC Conductor Resistance Unbalance (%) max	5.0				
					Remarks: * are the reference values	