SCP Structured Cable Products®
Quality Installations Deserve Quality Products

www.scpcat5e.com
sales@scpcat5e.com
Direct: 954-327-5770
Toll Free: 866-470-5742

SCP PART#: CAT5ESH-PREM-LS-GY

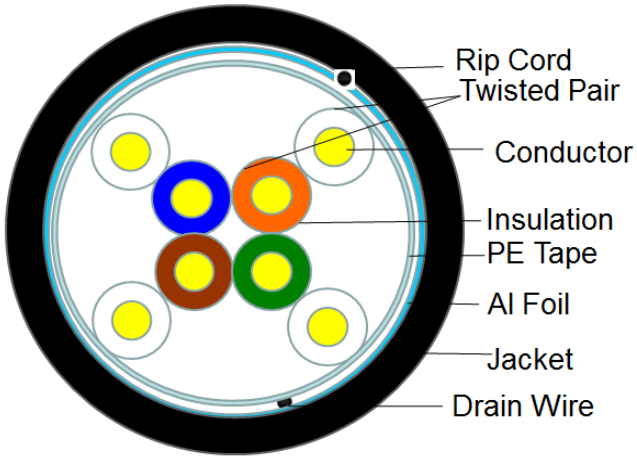
Description:

CAT5E PREMIUM SHIELDED - HDBASET ENHANCED 350MHz 24 AWG SOLID BC, 4PR, F/UTP, ANSI/TIA 568.2-D, ISO/IEC 11801 CLASS D, UL CMR, PVC JKT - PINK 305M/1000 FT BOX

Regulatory:

TIA/EIA 568.2-D and ISO/IEC 11801 Class D
EU RoHS 2011/65 EU Compliant
IEC 60332-1-2

Application: Lan Cable



Construction Characteristics:

Conductor	Material	Solid Bare Copper
	Size	24AWG X 4P
	Construction	1/0.51+/-0.004mm
Insulation	Material	HDPE
	Min.Thickness	0.250mm
	AVG.Thickness	0.265mm
	Diameter	1.05+/-0.1mm
	Colors	Blue- White/Blue
		Orange-White/Orange
		Green-White/Green
		Brown-White/Brown
	Wrap	PE Tape
	Drain wire(TC)	1/0.40+/-0.004mm
	Shield	AL Foil
Sheath	Material	PVC
	Thickness	0.6+/-0.05mm
	Diameter	6.0+/-0.40mm
	Rip Cord	Nylon
	Color	Per Request
Bend Radius		Min 20D/120mm

Electrical & Physical Characteristics:

Operating Temperature Range			- 20°C + 75°C
Conductor Resistance			Max 93.8 ohm/km at 20°C
Dielectric Strength			Min AC1.5KV
Minimum Flexing Bend Radius			>20x the jacket diameter
Insulation	Unaged	Tensile Strenght	16.5Mpa
		Elongation	500%
	Aged	Tensile Strenght	14.2Mpa(100°C 168h)
		Elongation	250%(100°C 168h)
Jacket	Unaged	Tensile Strenght	13.8Mpa
		Elongation	100%
	Aged	Tensile Strenght	11.7Mpa(100°C 168h)
		Elongation	50%(100°C 168h)
Rated Voltage			Max 300 Volts
DC Resisitance Unbalance			Max 5%
Pair-to-Ground Capacitance Unbalance			Max 3300pF/km
Characteristic Impedance			100+/-15OHM
Nominal Velocity of Propagation(%)			67~69
Propagation Delay			Max 536ns/100m
Delay Skew			Max 45ns/100m

Marking:

STRUCTURED CABLE PRODUCTS --- CAT5E PREMIUM --- HDBASET ENHANCED 350MHZ F/UTP ANSI/TIA 568.2-D ISO/IEC 11801 CLASS D E198134 SCP3 (UL) C(UL) CMR 4PR 24AWG SOL BC -- INDOOR/OUTDOOR-SUN RES -- UV-PVC JKT FT4 75C EU RoHS EC ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 XXXM

Packaging:

Approx.Weight	Approx.Dimension(mm)	Package	Packages per pallet
14kgs/30.86lbs	400X290X400	1000ft/BOX	36/24

Performance

ITEM / Frequency	Attenuation Max (dB)	NEXT Min (dB)	PS NEXT Min (dB)	ACR Min (dB)	RL Min (dB)	ELFEXT Min (dB)	PS ELFEXT Min (dB)	PSACR Min (dB)
1	2	65.3	62.3	63.3	20	63.8	60.8	60.3
4	4.1	56.3	53.3	52.2	23	51.8	48.8	49.2
8	5.8	51.8	48.8	46	24.5	45.7	42.7	43
10	6.5	50.3	47.3	43.8	25	43.8	40.8	40.8
16	8.2	47.2	44.2	39	25	39.7	36.7	36
20	9.3	45.8	42.8	36.5	25	37.8	34.8	33.5
25	10.4	44.3	41.3	33.9	24.3	35.8	32.8	30.9
31.25	11.7	42.9	39.9	31.2	23.6	33.9	30.9	28.2
62.5	17	38.4	35.4	21.4	21.5	27.8	24.8	18.4
100	22	35.3	32.3	23.3	20.1	23.8	20.8	10.3
155	28.1	32.4	29.4	4.3	18.8	20	17	1.3
200	32.4	30.8	27.8	– – –	18	1.7	14.7	– – –
300	41	28.1	25.1	– – –	16.8	14.2	11.2	– – –
350	44.9	27.1	24.1	– – –	16.3	12.9	9.9	– – –