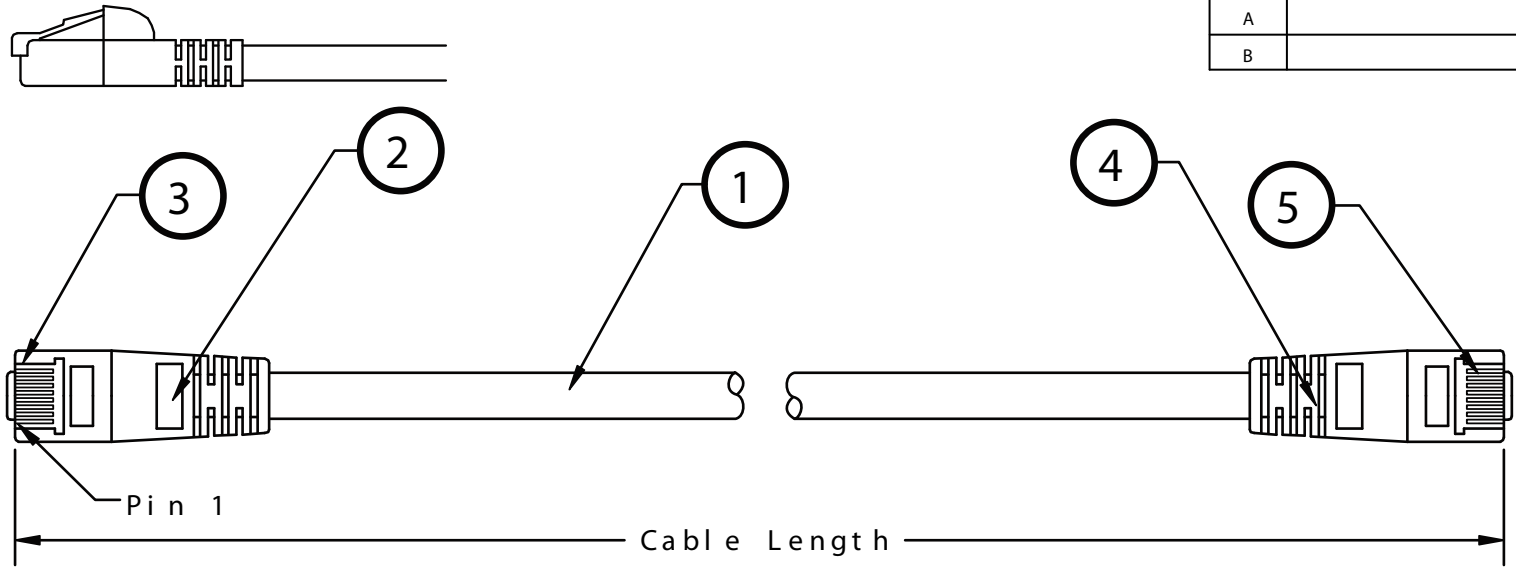


REV.	DESCRIPTION	DATE
A		
B		02-2006



PART NO.	CABLE LENGTH
10X6-5xx01	1 ft
10X6-5xx03	3 ft
10X6-5xx05	5 ft
10X6-5xx07	7 ft
10X6-5xx10	10 ft
10X6-5xx14	14 ft
10X6-5xx25	25 ft
10X6-5xx25	25 ft
10X6-5xx50	50 ft
10X6-5xx75	75 ft
10X6-5xxHD	100 ft
10X6-5xx150	150 ft
10X6-5xx200	200 ft

Pin Assignment		
RJ45 Male		RJ45 Male
1		1
2		2
3		3
6		6
4		4
5		5
7		7
8		8
G		G

Color Options
Black
Grey
Blue

5	RJ45 Modular Plug with Metal Shell, 50u Gold Plating Contacts
4	PVC Molded Hood
3	RJ45 Modular Plug with Metal Shell, 50u Gold Plating Contacts
2	PVC Molded Hood
1	STP, 24AWG, 4 Twisted Pairs, Stranded Bare Copper, UL ETL, EIA/TIA-568B Verified Category 5 E, Short Body Connectors, Shielded w/AL-Foil
NO.	SPECIFICATIONS
	BOM LIST

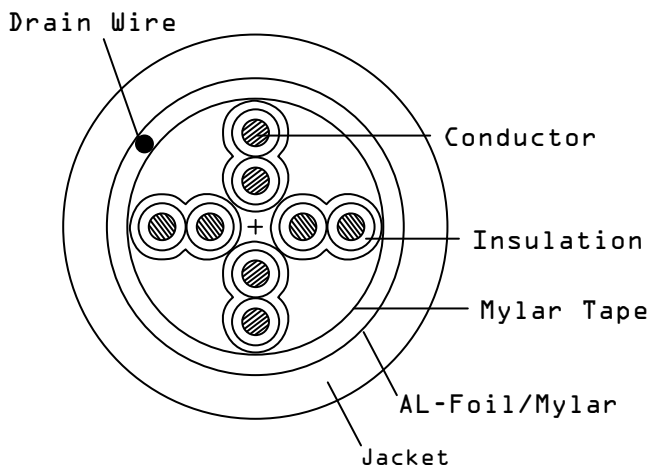
ITEM NUMBER	10X6-0xxxx	DRAWER	MPD
TITLE	CAT-5 E, 350MHz STP, Molded w/ Boot, Network Cable.	CHECKED	MAC
MATERIAL	SCALE	APPROVED	MAC
REV.	A	UNIT	INCH
DRAWING NO:			

Construction & Material :

Item	Unit	Specification
Product		CAT-5 E STP 4P
Conductor	Size	AWG 24
	Number	Pairs 4
	Material	Stranded Bare Copper
	Construction	pcs / mm 7/0.20
	Diameter	mm 0.60
Insulation	Material	HD-PE
	Min.thickness	mm 0.156
	Avg.thickness	mm 0.175
	Diameter	mm 0.99
	Color	Blue-White/Blue Orange-White/Orange Green-White/Green Brown-White/Brown
Twisting	Construction	See Cross Section
Cabling	Construction	See Cross Section
Taping	Material	Mylar
	Size	mm 0.025 x 25
	Lay Length	% Overlap 25
	Type	Lengthways Wrapped
Drain Wire	Material	Stranded Tinned Copper
	Construction	pcs / mm 7/0.20
Shielding	Material	AL-Foil / Mylar
	Size	mm 0.038 x 25
	Lay Length	% Overlap 25
Jacket	Material	PVC
	Min.thickness	mm 0.45
	Avg.thickness	0.55
	Overall Diameter	mm 6.00 ± 0.20
	Color	By Order
Black Marking	TYPE CM 24AWG 60 (UL) E188630 CSA LL81295 CMG, ETL VERIFIED TIA/EIA-568-B. CAT-5 E UTP Patch Cable STP	

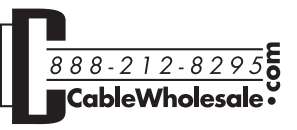
REV.	DESCRIPTION	DATE
A		
B		02-2006

Cross Section:



DRAWER	MPD
CHECKED	MAC
APPROVED	MAC

COLORS:	PART NUMBER:	TITLE:
Gray	10X6-5xSH	CAT-5 E STP, 24AWG, Stranded



Electrical Property :

REV.	DESCRIPTION	DATE
A		
B		02-2006

Item		Unit	Specification			Standard		
D-C Resistance		Ω/100M	AT 20C			DC Max.9.3Ω		
D-C Resistance Unbalance		%	-----			Max.5		
Capacitance Unbalance		pF/100M	-----			Max.330		
Characteristic Impedance 1.0-100.0MHz		Ω/100M	-----			100 ± 15		
Dielectric Withstand		VAC/1MIN	700			No Breakdown		
Frequency MHz	Attenuation dB/100m	NEXT Pair-Pair (dB)	NEXT Power Sum (dB)	ELFEXT Pair-Pair (dB)	ELFEXT Power Sum (dB)	Structural Return Loss (dB)	Return Loss (dB)	
1	2.4	65.3	62.3	63.8	60.8	23.0	20.0	
10	7.8	50.3	47.3	43.8	40.8	23.0	25.0	
16	9.9	47.3	44.4	39.7	36.7	23.0	25.0	
20	11.1	45.8	42.8	37.7	34.7	23.0	25.0	
25	12.5	44.4	41.3	35.8	32.8	22.0	24.2	
31.25	14.1	42.9	39.9	33.9	30.9	21.1	23.3	
62.5	20.4	38.4	35.4	27.8	24.8	18.1	20.7	
100	26.4	35.3	32.3	23.8	20.8	16.0	19.0	

DRAWER	MPD
CHECKED	MAC
APPROVED	MAC
