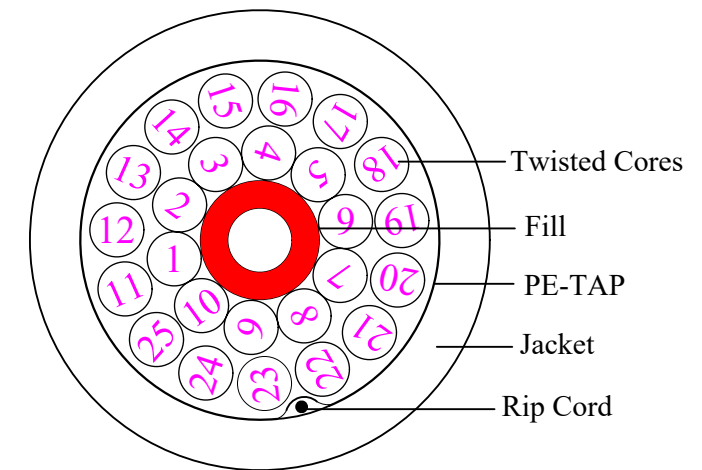


Construction & Material :



Item	Unit	Specification	
Product		CAT.5e 25P CMR Rated	
Conductor	Size	AWG 24	
	Number	pairs 25	
	Material	Solid Bare Copper	
	Construction	pcs/mm 1/0.50	
	Diameter	mm 0.50	
Insulation	Material	PE	
	Min.thickness	mm 0.188	
	Avg.thickness	mm 0.198	
	Diameter	mm 0.91	
Shielding	Material	Polyester tape	
The Color of the Wire Pair in Cables	Assembly Dia.	mm 10.50	
	Pair 1: Blue-White	Pair 9: Brown-Red	Pair 17: Orange-Yellow
	Pair 2: Orange-White	Pair 10: Gray-Red	Pair 18: Green-Yellow
	Pair 3: Green-White	Pair 11: Blue-Black	Pair 19: Brown-Yellow
	Pair 4: Brown-White	Pair 12: Orange-Black	Pair 20: Gray-Yellow
	Pair 5: Gray-White	Pair 13: Green-Black	Pair 21: Blue-Violet
	Pair 6: Blue-Red	Pair 14: Brown-Black	Pair 22: Orange-Violet
	Pair 7: Orange-Red	Pair 15: Gray-Black	Pair 23: Green-Violet
	Pair 8: Green-Red	Pair 16: Blue-Yellow	Pair 24: Brown-Violet
			Pair 25: Gray-Violet
Jacket	Material	PE(CMR Rated)	
	Min.thickness	mm 0.90	
	Avg.thickness	mm 1.00	
	Overall Diameter	mm 12.50±0.30	
	Color	Black	
Rip Cord	Per Request		

REV.	DESCRIPTION	DATE
A		06-2016
B		

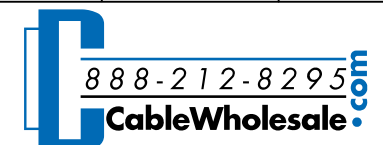
RoHS



Cross Section

DRAWN	JL
CHECKED	
APPROVED	
	

PART NUMBER	TITLE	ID(NO.)
10X6-2521TH	Bulk Cat 5e Telco Trunk Cable, Blue, 24 AWG, 25 Twisted Pairs, CMR, Wooden Spool, 1000 foot	108



REV.	DESCRIPTION	DATE
A		06-2016
B		

Electrical Property :

Item			Unit			Standard		
Rating Temperature			°C			70		
Rating Voltage			V			30		
Flammability Test			/			CMR		
Frequency	Attenuation	Return Loss	NEXT	ACR	PS-NEXT	ELFEXT	PS-ELFEXT	Delay
MHz	dB(100m)	dB	dB	dB	dB	dB(100m)	dB	ns(100m)
	Maximum	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum	Maximum
0.772	1.8	19.4	67.0	67.7	64.0	66.0	63.0	575.0
1	2.0	20.0	65.3	67.3	62.3	63.8	60.8	570.0
4	4.1	23.0	56.3	56.2	53.3	51.7	48.7	552.0
8	5.8	24.5	51.8	50.0	48.8	45.7	42.7	546.7
10	6.5	25.0	50.3	47.8	47.3	43.8	40.8	545.4
16	8.2	25.0	47.3	44.0	44.3	39.7	36.7	543.0
20	9.3	25.0	45.8	41.5	42.8	37.7	34.7	542.0
25	10.4	24.3	44.3	38.9	41.3	35.8	32.8	541.2
31.25	11.7	23.6	42.9	36.2	39.9	33.9	30.9	540.4
62.5	17.0	21.5	38.4	27.4	35.4	27.8	24.8	538.6
100	22.0	20.1	35.3	19.3	32.3	23.8	20.8	537.6



DRAWER	JL
CHECKED	
APPROVED	

PART NUMBER	TITLE	ID(NO.)
10X6-2521TH	Bulk Cat 5e Telco Trunk Cable, Blue, 24 AWG, 25 Twisted Pairs, CMR, Wooden Spool, 1000 foot	108

