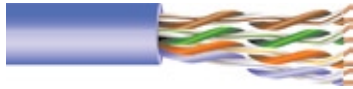


CATEGORY 5E 350 MHz CABLES



Communications Cable CMR, FT4 / CMP FT6 Meets TIA/EIA-568-B.2



RoHS Compliant
Cables are manufactured to meet current NEC guidelines and are verified by outside standards organizations including UL and ETL.

Product Description	Specifications	Applications	Color Code Chart	
RISER BC conductors, FRPE Insulation, 4 UTP, PVC jacket, Footage markings.	Conductor	Bare Copper	Pair	Color
	Insulation			
PLENUM BC conductors, FEP Insulation, 4 UTP, Low Smoke PVC Jacket, Footage markings.	Riser	FRPE .190mm	1	White/Blue Stripe & Blue
	Plenum	FEP .180 mm	2	White/Orange Stripe & Orange
	Jacket		3	White/Green Stripe & Green
	Riser	PVC	4	White/Brown Stripe & Brown
	Plenum	Low Smoke PVC		
	NEC Articles	CMR, CMP		
	Voltage Rating	300 V		
	Temp. Rating	75°C		
	SRL	350 MHz 10.6 dB		
		<ul style="list-style-type: none"> Analog & Digital Voice Systems Intercom Systems Security (CCTV) Systems Up To 350 Mb/s Cable High Speed Network Connections 		

PART NO.	AWG/COND	STRAND	OUTER JKT THICKNESS		NOMINAL OD		AVAILABLE PUT-UPS	SHIP WT / 1M'
			INCH	mm	INCH	mm		

RISER RATED

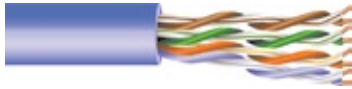
53424RB	Blue	24/4	SOL	.032	.42	.214	5.44	1000' RIB	23
53424RG	Grey	24/4	SOL	.032	.42	.214	5.44	1000' RIB	23
53424RW	White	24/4	SOL	.032	.42	.214	5.44	1000' RIB	23

PLENUM RATED

53424PW	White	24/4	SOL	.022	.55	.200	5.08	1000' RIB	23
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FREQUENCY (MHz)	ATT MAX (dB/100m)	NEXT MIN (dB)	ACR MIN (dB)	PS. NEXT MIN (dB)	PS ACR MIN (dB)	ELFEXT MIN (dB/100m)	PS. ELFEXT MIN (dB/100m)	R.L. MIN (dB)
1	2.0	68.3	66.3	66.3	64.3	63.8	60.8	20.0
4	4.1	59.3	55.2	57.3	53.2	51.7	48.7	23.0
8	5.8	54.8	49.0	52.8	47.0	45.7	42.7	24.5
10	6.5	53.3	46.8	51.3	44.8	43.8	40.8	25.0
16	8.2	50.3	42.1	48.3	40.1	39.7	36.7	25.0
20	9.3	48.8	39.5	46.8	37.5	37.8	34.8	25.0
25	10.4	47.3	36.9	45.3	34.9	35.8	32.8	24.3
31.25	11.7	45.9	34.2	43.9	32.2	33.9	30.9	23.6
62.5	17.0	41.4	24.4	39.4	22.4	27.8	24.8	21.5
100	22.0	38.3	16.3	36.3	14.3	23.8	20.8	20.1
155	28.1	35.5	7.4	33.5	5.4	20.0	17.0	18.8
200	32.4	33.8	1.4	31.8	0	17.7	14.7	18.0
240	36	32.6	-	30.6	-	16.2	13.2	17.4
300	41	31.2	-	29.2	-	14.2	11.2	16.8
350	44.9	30.1	-	28.1	-	12.9	9.9	16.3

Communications Cable
CMR, FT4 / CMP FT6
Meets TIA/EIA-568-B.2-1



RoHS Compliant
Cables are manufactured to meet current NEC guidelines and are verified by outside standards organizations including UL and ETL.

Product Description	Specifications	Applications	Color Code Chart			
RISER BC Cond., FRPE Insulation, 4 UTP, FRPE Isolator Separator, PVC Jkt, Ft markings. PLENUM BC Cond., FEP Insulation, 4 UTP, FRPE Isolator Separator Low Smoke PVC Jkt, Ft markings.	Conductor	Bare Copper	<ul style="list-style-type: none"> Analog & Digital Voice Systems Intercom Systems Security (CCTV) Systems High Speed Network Connections 	Pair	Color	
	Insulation	Riser		FRPE .205mm	1	White/Blue Stripe & Blue
		Plenum		FEP .190 mm	2	White/Orange Stripe & Orange
	Jacket	Riser		PVC	3	White/Green Stripe & Green
		Plenum		Low Smoke PVC	4	White/Brown Stripe & Brown
	NEC Articles			CMR, CMP		
	Voltage Rating			300 V		
	Temp. Rating			75°C		
	SRL			550 MHz 8.6 dB		

PART NO.	AWG/ COND	STRAND	OUTER JKT THICKNESS		NOMINAL OD		AVAILABLE PUT-UPS	SHIP WT / 1M'
			INCH	mm	INCH	mm		

RISER RATED

55424RB (Blue)	23/4	SOL	.032	.42	.235	5.97	1000' RIB	35
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PLENUM RATED

55424PW (White)	23/4	SOL	.022	.55	.224	5.69	1000' RIB	35
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FREQUENCY (MHz)	ATT MAX (dB/100m)	NEXT MIN (dB)	ACR MIN (dB)	PS. NEXT MIN (dB)	PS ACR MIN (dB)	ELFEXT MIN (dB/100m)	PS. ELFEXT MIN (dB/100m)	R.L. MIN (dB)
1	2.0	75.3	73.3	73.3	71.3	67.8	64.8	20.0
4	3.8	66.3	62.5	64.3	60.5	55.7	52.7	23.0
8	5.4	61.8	56.4	59.8	54.4	49.7	46.7	24.5
10	6.0	60.3	54.3	58.3	52.3	47.8	44.8	25.0
16	7.6	57.3	49.7	55.3	47.7	43.7	40.7	25.0
20	8.5	55.8	47.3	53.8	45.3	41.7	38.7	25.0
25	9.6	54.3	44.8	52.3	42.7	39.8	36.8	24.3
31.25	10.7	52.9	42.2	50.9	40.2	37.9	34.9	23.6
62.5	15.5	48.4	32.9	46.4	30.9	31.8	28.8	21.5
100	19.9	45.3	25.4	43.3	23.4	27.8	24.8	20.1
155	25.3	42.5	17.2	40.5	15.2	23.9	20.9	18.8
200	29.2	40.8	11.6	38.8	9.6	21.7	18.7	18.0
250	33.0	39.3	6.3	37.3	4.3	19.8	16.8	17.3
300	36.6	38.2	1.6	36.2	0	18.2	15.2	16.8
400	43.2	36.3	-	34.3	-	15.7	12.7	15.9
550	52.0	34.2	-	32.2	-	12.9	9.9	14.9