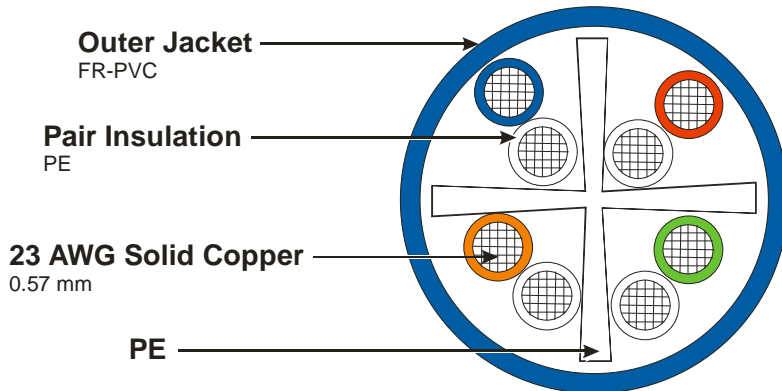


CA6-CMR

Category 6 Indoor Riser Cable



- CMR
- TIA/EIA 568-C.2
- ISO 11801
- UTP 4x23
- RoHS Compliant

Applications

- ATM
- 10/100 Ethernet (10 BASE-T / 100 BASE-TX)
- Gigabit Ethernet (1000 BASE-T)
- Video
- IEEE 802.11a/b/g/n Wireless Access Points
- Power-over-Ethernet (PoE)

Cable Construction	
Description	Material
1. Number of Pairs	4
2. AWG	23 (0.573mm)
3. Conductor	Solid - Bare Copper (BC)
4. Insulation Material	Polyethylene (PE)
5. Shield	Unshielded Twisted Pair (UTP)
6. Outer Jacket Material	Flame Retardant PVC (FR-PVC)
7. Outer Jacket Ripcord	Yes, 200Dx3
8. Overall Nominal Diameter	0.240 inch (6.10 mm)

Mechanical Specification			
Description	Unit	US	Metric
Minimum Bend Radius	in. - mm	0.872	22.15
Maximum Pulling Tension	lbs. - kg	35	15.8
Bulk Cable Weight/1000 feet (305 meters)	lbs. - kg.	53	24
Installation Temperature	F - C	32° to 140°	0° to 60°
Operating Temperature	F - C	-4° to 140°	-20° to 60°





Compliance	
Description	Applicable Standard
NEC/(UL) Specification	CMR, UL 444
CEC/C(UL) Specification	CMR
ISO/IEC Compliance	11801 Ed. 2.0 (Class E)
ANSI/TIA Standards	568-C.2 Category 6
UL Flame Test	UL1666 Riser
CSA Flame Test	FT1
ETL Verified Certificate Number	100152638CRT-001c
UL Listed File Number-US/Canada	DUZX.E329362/DUZX7.E329362
European Directive 2002/95/EC	RoHS Compliant

Electrical Characteristics		
Description	Unit	Value
Maximum Mutual Capacitance	nF/100m	5.6
Capacitance Unbalance Pair to Ground Maximum	pF/100m	330
Nominal Velocity of Propagation	%	68
Maximum Delay Skew	ns/100 meter	25
Maximum Conductor DC Resistance @ 20°C (68°F)	Ohms/100 Meter	9.38
Max. DCR Unbalance @ 20°C	%	5
Characteristic Impedance	Frequency (f)	100 ± 15

Electrical Performance						
Frequency (MHz)	Attenuation (dB/100m) Max	Return Loss (dB) Min	Next (dB) Min	Next (dB) Power Sum Min	ELFEXT (dB/100m) Min	ELFEXT (dB/100m) Power Sum Min
1.0	2.0	20.0	75.3	73.3	68.1	65.4
4.0	3.7	23.0	66.3	64.3	56.1	53.7
8.0	5.2	24.5	61.8	60.1	51.2	47.7
10.0	5.8	25.0	60.4	58.5	48.2	45.8
16.0	7.4	25.0	57.4	55.5	44.2	41.7
20.0	8.3	25.0	55.9	54.1	42.1	39.7
25.0	9.3	24.3	54.4	52.5	40.3	37.8
31.25	10.4	23.6	52.9	51.1	38.1	35.9
62.50	15.0	21.5	48.6	46.6	32.1	29.8
100.0	19.8	20.8	45.4	41.3	28.4	25.8
200.0	28.3	18.7	40.9	38.9	22.7	19.7
250.0	32.1	18.0	39.3	37.3	21.3	17.8
350.0	38.9	17.5	37.1	35.1	19.7	14.9
400.0	42.0	16.6	36.3	34.3	18.1	13.5
550.0	50.6	15.6	34.2	32.2	15.9	11.2

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