

CAT 6 RISER CABLE

23/4 CMR/FT4 EXPRESS BOX

ADI PRO

PHYSICAL CHARACTERISTICS

Conductor: 23 AWG Solid Bare Annealed Copper

Insulation: HDPE (High Density Polyethylene)

Conductor Color Code:

- Pair 1: Blue - White/Blue
- Pair 2: Orange - White/Orange
- Pair 3: Green - White/Green
- Pair 4: Brown - White/Brown

Spline: Polyolefin

Rip Cord: Applied longitudinally under jacket

Jacket: PVC (Flame-Retardant, SUN RES & RoHS compliant)

Jacket Color Code:

- White / RAL9010
- Blue / RAL5015
- Black / RAL9011
- Yellow / RAL1021
- Green / RAL6018
- Purple / RAL4005
- Grey / RAL7046
- Pink / RAL3015
- Red / RAL3018

Nominal Cable Diameter (in.): 0.229

Nominal Cable Net Weight (lbs / 1000ft): 24.19

Minimum Bend Radius (in.): 1.0

Maximum Pulling Force (lbs): 25

PROPERTIES

Operating Voltage: 300 Volts max

Max. DC Resistance(Ω /100m @ 68°F): 9.38

Max. Capacitance(nF/100m @ 1kHz): 5.6

Dielectric Strength(DC-kV, 2s): 2.5

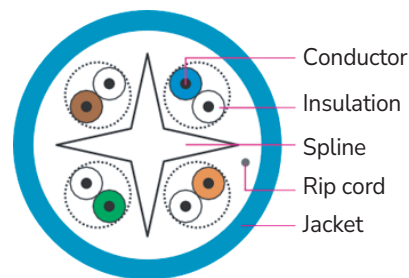
Temperature Rating(°F):

- Installation: +32 to +140
- Storage & Operation: -4 to +167

Flame Rating: CMR/FT4

RoHS Compliant: Yes

Country of Origin: Republic of Korea



Part#

0E-CMR6WHR 0E-CMR6GYR
0E-CMR6BLR 0E-CMR6PKR
0E-CMR6BKR 0E-CMR6RDR
0E-CMR6YWR
0E-CMR6GMR
0E-CMR6PUR

Length

1000FT Express box

APPLICATIONS

IEEE802.3: 1000BASE-T, 100BASE-T, 10BASE-T

ANSI/TIA/EIA 854 : 1000BASE-T, 155Mbps, 1.2Gb/s ATM

ANSI X3.263: 100Mbps,
IEEE 802.3af DTE Power Over Ethernet (PoE),

Digital Video

JACKET LEGEND

0000FT CAT 6 4 PR 23 AWG E507576 (UL) CMR c(UL)us
FT4 SUN RES 75C (RoHS) UL VERIFIED TO TIA-568.2-E CAT 6
MM/YY ##### RM# A B C D E F 1 2 3 4 5 6 7 8 9



For more information, contact your ADI Sales person or visit
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STANDARD COMPLIANCE

ANSI/TIA-568.2-E

ANSI/TIA-862(Building Automation)

IEC 11801(Class E)

ICEA S-102-700(Category 6)

NEC/CEC Type CMR(UL 1666) for Riser

UL 444

CERTIFICATIONS



ELECTRICAL CHARACTERISTICS

Frequency	Insertion Loss	NEXT	PS NEXT	ACRF	PS ACRF	Return Loss	PD	PD Skew
MHz	dB/100m (Max.)	dB/100m (Min.)	dB/100m (Min.)	dB/100m (Min.)	dB/100m (Min.)	dB/100m (Min.)	ns/100m (Max.)	ns/100m (Max.)
1	2.0	74.3	72.3	67.8	64.8	20.0	570	45
4	3.8	65.3	63.3	55.8	52.8	23.0	552	45
10	6.0	59.3	57.3	47.8	44.8	25.0	545	45
16	7.6	56.2	54.2	43.7	40.7	25.0	543	45
20	8.5	54.8	52.8	41.8	38.8	25.0	542	45
31.25	10.7	51.9	49.9	37.9	34.9	23.6	540	45
62.5	15.4	47.4	45.4	31.9	28.9	21.5	539	45
100	19.8	44.3	42.3	27.8	24.8	20.1	538	45
250	32.8	38.3	36.3	19.8	16.8	17.3	536	45
300	36.4	37.1	35.1	18.3	15.3	16.8	536	45
400	43.0	35.3	33.3	15.8	12.8	15.9	536	45
500	48.9	33.8	31.8	13.8	10.8	15.2	536	45
550	51.8	33.2	31.2	13.0	10.0	14.9	536	45

* Spec meets ANSI/TIA 568.2-E standard. Sweep tested to 550 MHz, all values are dB/100m (328 ft.)



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