Analog Multi-Pair Snake Cable

CMR Rated Cables

Individually Shielded and Jacketed Twisted Pairs

BRILLIANCE®

Individually Shielded and Jacketed Pairs

NEC: CMR (CEC: CMG FT4)

Product Description

24 AWG stranded (7x30) tinned copper conductor. Polyolefin insulation. Twisted pairs individual Beldfoil® shield (100% Coverage) and have numbered and color-coded PVC jackets (see Chart 7 in Technical Information Section for colors). Pair jackets and shields are bonded so both strip simultaneously with automatic stripping equipment. Overall Beldfoil shield and 18 AWG tinned copper drain wire, plus overall Black PVC jacket and nylon rip cord.

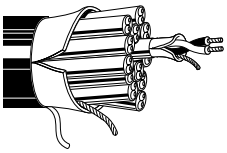
Color Code: Red, Black.

Specifications

Nominal OD — Conductor	.024″ (.61mm)
Nominal OD — Insulation	.040″ (1.02mm)
Inner Pair Jacket OD	.111″ (2.82mm)
Approvals	
NEC	CMR
CEC	CMG FT4
Nominal DCR	
Conductor	23.3Ω/M′ (76.4Ω/km)
Shield (Inner Pair)	15.9Ω/M′ (52.1Ω/km)
Voltage Rating	300V RMS
Temperature Rating	75°C
Nominal Impedance	50Ω
Nominal Velocity of Propagation	66%
Nominal Capacitance	
Between Conductors	31 pF/Ft. (102 pF/m)
Between Conductor/Shield*	58 pF/Ft. (191 pF/m)

DCR = DC Resistance

*Capacitance between one conductor and other conductors connected to shield.



Part No.	No. of Pairs	Standard Lengths		Standard Unit Weight		Nominal OD	
		Ft.	m	Lbs.	kg	Inch	mm
CMR Rated Twisted Pairs NEC: CMR (CEC: CMG FT4)							
24 AWG							
1408R	4	500 1000	152.4 304.8	36.0 73.0	16.3 33.2	.346	8.79
1409R	6	500 1000	152.4 304.8	50.5 100.0	22.9 45.4	.412	10.46
1410R	8	500 1000	152.4 304.8	62.0 122.0	28.1 55.3	.446	11.33
1411R	12	500 1000	152.4 304.8	91.0 175.0	41.3 79.4	.555	14.10
1412R	16	500 1000	152.4 304.8	117.0 232.0	53.1 105.2	.622	15.80
1413R	20	500 1000	152.4 304.8	145.0 293.0	65.8 132.9	.704	17.88
1414R	24	500 1000	152.4 304.8	182.0 374.0	82.6 169.6	.801	20.35
1415R	26	500 1000	152.4 304.8	193.5 397.0	87.8 180.1	.816	20.73
1416R	32	500 1000	152.4 304.8	228.5 465.0	103.7 210.9	.890	22.61