

Analog Multi-Pair Snake Cable

CMR Rated Cables

Individually Shielded and Jacketed Twisted Pairs



Individually Shielded and Jacketed Pairs

NEC: CMR (CEC: CMG FT4)

Product Description

22 AWG stranded (7x30) tinned copper conductor. Polyolefin insulation. Twisted pairs individual bonded Beldfoil® shield and have numbered and color-coded PVC jackets (see Chart 7 in Technical Information Section for colors). Jackets and shields are bonded so both strip simultaneously. Overall Beldfoil shield plus overall Black PVC jacket and nylon rip cord.

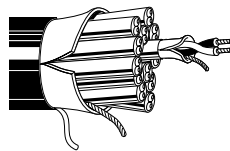
Color Code: Red, Black.

Specifications

Nominal OD — Conductor	.030" (.76mm)
Nominal OD — Insulation	.050" (1.27mm)
Drain Wire	
Individual Pairs	22 AWG
Overall: 1814R	22 AWG
Overall: 1815R – 1823R	18 AWG
Inner Pair Jacket OD	.133" (3.38mm)
Approvals	
NEC	CMR
CEC	CMG FT4
Nominal DCR	
Conductor	14.8Ω/M' (52.5Ω/km)
Shield (Inner Pair)	14.1Ω/M' (46.3Ω/km)
Voltage Rating	300V RMS
Temperature Rating	60°C
Nominal Impedance	50Ω
Nominal Velocity of Propagation	66%
Nominal Capacitance	
Between Conductors	31 pF/Ft. (102 pF/m)
Between Conductor/Shield*	56 pF/Ft. (184 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)

22 AWG							
1814R	2	500	152.4	30.0	13.6	.330	8.38
		1000	304.8	59.0	26.8		
1815R	4	500	152.4	45.0	20.4	.384	9.74
		1000	304.8	91.0	41.3		
1816R	6	500	152.4	65.0	29.5	.462	11.73
		1000	304.8	131.0	59.6		
1817R	8	500	152.4	80.0	36.3	.503	12.78
		1000	304.8	152.0	68.9		
1818R	12	500	152.4	121.0	54.9	.638	16.21
		1000	304.8	241.0	109.3		
1819R	16	500	152.4	180.0	81.6	.776	19.71
		1000	304.8	364.0	165.0		
1820R	20	500	152.4	216.0	98.0	.865	21.97
		1000	304.8	442.0	200.1		
1821R	24	500	152.4	263.5	119.5	.969	24.61
		1000	304.8	518.0	235.0		
1822R	26	500	152.4	280.5	127.2	.989	25.12
		1000	304.8	552.0	250.4		
1823R	32	500	152.4	335.5	152.2	1.072	27.23
		1000	304.8	692.0	313.9		

Length may vary -10% to +0% from length shown.