



Specifications – MHR-5 Cable

Description Part No. (length) Model	UL NEC/ C(UL) CEC UL AWM Temp.	No. of Cond.	Standard Lengths		Shipping Weights		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials (% coverage) Nom. DCR	Nominal OD		Nom. Imp. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm		pF/ft	pF/m	MHz	dB/ 100 ft	dB/ 100 m
(5) 26 AWG Miniature Coax • Aluminum Foil (100%) + Tinned Copper Serve Shield																		
Nonplenum Cable • Gas-injected Foamed Polyolefin Insulation • PVC Inner Jackets • Gray PVC Outer Jacket																		
22-020-02 (500') 22-020-03 (1000') MHR-5  Min. bend radius: 4.0"	NEC CM UL 1581 CSA FT4 AWM 2990 VW-1 75 °C	5 coax	500	152.4	36	16.3	26 AWG (7/34) 0.019" 0.48 mm, Tinned Cu 41 ohms/ 1k ft, 135 ohms 1 km	0.076	1.93	Alum. Foil (100%) Tinned Cu Serve (95%) 12.2 ohms/ 1k ft, 40.0 ohms/ 1 km	Single: 0.105 2.67 red, green, blue, black, yellow Overall: 0.357 9.07 gray	75	81%	16.7	54.8	1	-0.5	-1.7
			1000	304.8	75	34.0										5	-1.2	-3.9
																10	-1.7	-5.5
																20	-2.4	-7.8
																50	-3.8	-12.3
																71	-4.5	-14.8
																100	-5.4	-17.6
																135	-6.3	-20.6
																180	-7.3	-23.9
																200	-7.7	-25.4
																270	-9.1	-29.9
																400	-11.5	-37.3
																750	-16.4	-53.8
				1000	-19.5	-64.0												
				3000	-43.6	-143.0												
Sweep tested 5 MHz to 1 GHz.																		
Plenum Cable • Gas-injected Foamed FEP Insulation • FEP Inner Jackets • Blue Fire-resistant PVC Outer Jacket																		
22-103-02 (500') 22-103-03 (1000') MHR-5P  Min. bend radius: 6.0"	NEC CMP C(ETL) NFPA 262 75 °C	5 coax	500	152.4	37	16.8	26 AWG (7/34) 0.019" 0.48 mm, Tinned Cu 41 ohms/ 1k ft, 135 ohms 1 km	0.074	1.88	Alum. Foil (100%) Tinned Cu Serve (95%) 12.2 ohms/ 1k ft, 40.0 ohms/ 1 km	Single: 0.102 2.59 red, green, blue, black, yellow Overall: 0.304 7.72 blue	75	83%	16.7	54.8	1	-0.5	-1.5
			1000	304.8	72	32.7										5	-1.1	-3.7
																10	-1.6	-5.4
																20	-2.3	-7.5
																50	-3.6	-11.8
																71	-4.3	-14.1
																100	-5.1	-16.8
																135	-6.0	-19.7
																180	-7.0	-23.0
																200	-7.4	-24.3
																270	-8.8	-28.8
																400	-11.8	-38.7
																750	-17.6	-57.8
				1000	-21.4	-70.1												
				3000	-51.2	-168.0												
Sweep tested 5 MHz to 1 GHz.																		