



MHRVGA Series

MHR - Mini High Resolution VGA Cable

MHRVGA

MHR - Mini High Resolution VGA Cable

UNIQUE FEATURES

- Three 26 AWG coax, seven 26 AWG, and two 26 AWG twisted pair conductors
- NEC CM rated, non-plenum cable



MHRVGAP

MHR - Mini High Resolution VGA Plenum Cable

UNIQUE FEATURES

- Three 26 AWG coax, seven 26 AWG, and two 26 AWG twisted pair conductors
- NEC CMP rated, plenum cable



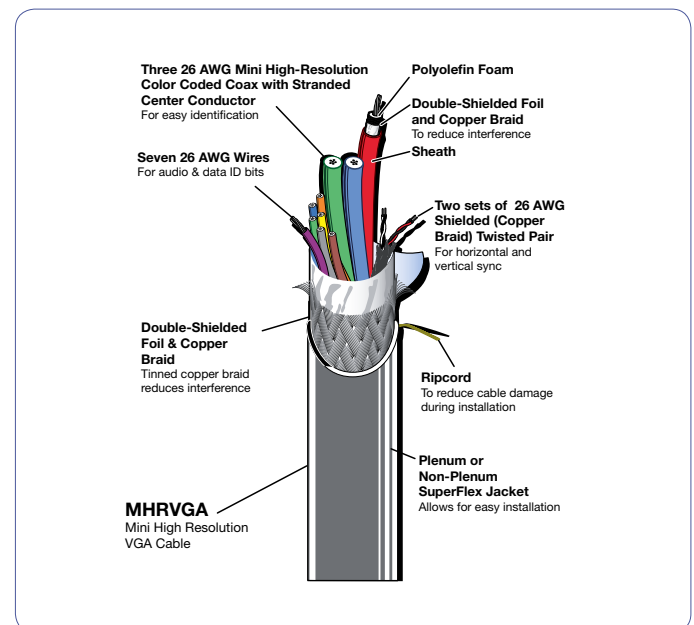
SERIES FEATURES

- **Three 26 AWG coax, seven 26 AWG, and two 26 AWG twisted pair conductors** — This multi-conductor installation cable includes three 26 AWG, 75 ohm mini high resolution, color-coded coax conductors for RGB signal distribution, two 26 AWG shielded twisted pair for horizontal and vertical sync, and seven 26 AWG single strand conductors for ID bits and additional signals.
- **Multi-conductor installation cable for audio, video, and control** — Extron MHRVGA cable offers an excellent solution for A/V applications requiring distribution of computer-video signals and ID bits such as direct connections between VGA, MAC, or Sun/SGL computers and displays, switchers, or distribution amplifiers.
- **Plenum and Non-Plenum rated versions available** — Extron MHRVGA cable is available with a NEC-CM non-plenum or NEC-CMP plenum-rated SuperFlex jacket. Plenum-rated cable is for use in open air spaces without conduit, thereby reducing installation cost, where National Electric Code CMP cable must be installed.
- **SuperFlex jacket with sequential numbering** — The MHRVGA cable features the smooth SuperFlex jacket with sequential numbering that enables quick calculation of the cable used and remaining on the spool.
- Spools of 500 feet (150 m) & 1,000 feet (300 m)

The plenum-rated jacket for the MHRVGAP Cable is constructed with special fire protectant agents for use in applications where National Electric Code CMP cable must be installed. Plenum cable can be run through open air spaces, eliminating the need for conduit and reducing installation costs. The MHRVGAP Cable is an ideal cable for applications that require plenum rating, computer-video extension cabling, as well as flexibility and ease of use.

DESCRIPTION

The Extron **MHRVGA Series** Cable offers an excellent solution for any A/V application requiring computer-video extension cabling that carries both computer-video signals and ID bits. This cable can be used to connect computers directly to displays, switchers, or distribution amplifiers. The MHRVGA Cable is perfect for extending computer-video signals. This cable consists of three, 26 AWG, 75 ohm, color-coded coax conductors for RGB signal distribution, two sets of shielded twisted pair wires for video sync, and seven, 26 AWG single strands for ID bits and additional signals.



MODEL

VERSION DESCRIPTION

PART

MHRVGA Non-Plenum

MHRVGA/500	Non-Plenum 500' (150 m) spool.....	22-024-01
MHRVGA/1000	Non-Plenum 1000' (300 m) spool.....	22-024-03

MHRVGAP Plenum

MHRVGAP/500	Plenum 500' (150 m) spool.....	22-131-02
MHRVGAP/1000	Plenum 1000' (300 m) spool.....	22-131-03

Note: For VGA cable assemblies, see page 802.

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MHRVGA Series

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. (ohms)	Nom. Vel. 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																																									
Composite Cable: (3) 26 AWG Miniature Coax • (2) 26 AWG Shielded Twisted Pairs • (7) 26 AWG Insulated Conductors Overall Cable Shield: Aluminum Foil (100%) + Tinned Copper Braid																																																												
Nonplenum Cable • Natural Foamed Polyolefin Insulation • PVC Inner Jackets • Gray PVC Outer Jacket																																																												
22-024-01 (500') 22-024-03 (1000') MHRVGA	NEC CM UL 1581 CSA FT-4 AWM 2990 VW-1 75 °C	3 coax	500	152.4	54	24.5	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	75	83%	18.0	59.1	1	-0.5	-1.7	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
		2 shielded twisted pairs	Same as above	0.033	0.84	Tinned Cu Braid (85%)	Single: black & red black & white	66%	35	115	conductor-conductor	62	203	conductor-conductor, connected to shield																																														
		7 insulated conductors	Same as above	0.033	0.84		Single: blue, green, violet, grey, yellow, orange, brown																																																					
		Overall cable				Alum. Foil and Tinned Cu Braid (85%)	Overall: 0.330 8.39 gray																																																					
Plenum Cable • Natural Foamed FEP Insulation • PVC Inner Jackets • Blue Fire-resistant PVC Outer Jacket																																																												
22-131-02 (500') 22-131-03 (1000') MHRVGAP	NEC CMP UL 910 75 °C	3 coax	500	152.4	58	26.3	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	75	81%	16.7	54.8	1	-0.5	-1.5	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
		2 shielded twisted pairs	Same as above	0.033	0.84	Tinned Cu Braid (85%)	Single: black & red black & white	66%	35	115	conductor-conductor	62	203	conductor-conductor, connected to shield																																														
		7 insulated conductors	Same as above	0.033	0.84		Single: blue, green, violet, grey, yellow, orange, brown																																																					
		Overall cable				Alum. Foil and Tinned Cu Braid (85%)	Overall: 0.306 7.77 blue																																																					

NOTE: Specifications are subject to change without notice.

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MHRVGA Series

MHRVGA Series Accessories

OPTIONAL ACCESSORIES	MODEL DESCRIPTION	PAGE	PART #
Connectors			
9D male connector/10	9-Pin D Male Connector, Qty. 10.....	page 789	100-066-51
9D female connector/10	9-Pin D Female Connector, Qty. 10.....	page 789	100-067-51
15D male connector/10	15-Pin D Male Connector, Qty. 10.....	page 789	100-068-51
15D female connector/10	15-Pin D Female Connector, Qty. 10.....	page 789	100-069-51
15HD male connector/10	15-Pin HD Male Connector, Qty. 10.....	page 789	100-070-51
15HD female connector/10	15-Pin HD Female Connector, Qty. 10.....	page 789	100-071-51
25D male connector/10	25-Pin D Male Connector, Qty. 10.....	page 789	100-072-51
25D female connector/10	25-Pin D Female Connector, Qty. 10.....	page 789	100-073-51