

▶ **Multichannel 75 ohm Video Coaxial Cable (V-3C Series)**



Product Name

Multichannel 75 ohm Video Coaxial Cable

Model Number

V-3C Series

Product Image

RG59 type, 25AWG] Our most popular 75 ohm component video series. Roughly equivalent to RG59 performance. A good choice for limited length cable runs or where conduit size may be restricted. Excellent flexibility for untangled pay-out and easy wrap-ups.

- Component Analog Video.
- Video Projectors.
- Video Walls.
- Studio Tie Lines.
- CG/CAD Workstations.
- Structural Return Loss ≥ 20 dB to 2GHz.
- Flexible Center Conductor.
- Channel ID Colors.
- Special Jacket Fillers.
- Dielectric strips away clean from Conductor.
- 2.2 ns. Differential Delay.

MECHANICAL SPECIFICATIONS						
Model	Std. Lng. ft. (m)	Wt. Std. Lng. lbs. (kgs)	No. of Channels Colors	Nominal O.D. in. (mm)	PVC Jacket Thickness in. (mm)	Brittle Point F° (C°)
V3-3C		33 (15) 66 (30)	3 RED, GRN, BLU	.453 (11.5)	.036 (0.90)	
V4-3C	328 (100) 656 (200)	44 (20) 88 (40)	4 RED, GRN, BLU, WHT	.512 (13.0)	.043 (1.10)	-22 (-30)
V5-3C		53 (24) 106 (48)	5 RED, GRN, BLU, WHT, YEL	.559 (14.2)	.043 (1.10)	

(contd.) MECHANICAL SPECIFICATIONS						
Model	Chan. O.D. in. (mm)	Cond.-AWG (Qty./Mil.) Cross Sec. Area mil ²	Cond. O.D. in. (mm)	Dielectric Insul. Type*	Insul. O.D. in. (mm)	Shield Material Coverage
V-3C Series	.173 (4.4)	AC-#25 (7/7.09)	.021 (0.54)	Foam PE	.122 (3.1)	>97%

*Dielectric Strength = 1000V AC/1min. Insulation Resistance/3Mft = >1000M ohm.

ELECTRICAL PERFORMANCE

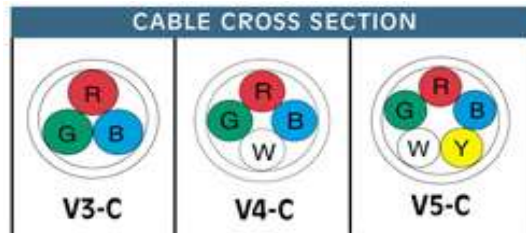
Model	Cond. D.C.R. ohm/1000ft (ohm/100m)	Shield D.C.R. ohm/1000ft (ohm/100m)	Nom. Cap. @1KHz (pF/m)	Nom. Imp. ohm	Chan. Diff. Delay 100ft ns.	Velocity of Prop.
V-3C Series	<32.1 (<10.5)	<3.7 (<1.1)	67	75	<2.2	66%

COLORS AVAILABLE

Model	Black	Blue	Brown	Gray	Green	Orange	Purple	Red	White	Yellow
V-3C Series	[+]	--	--	--	--	--	--	--	--	--

[+]=Standard Color, [o]=Available Color, "--"=n/a

CABLE CROSS SECTION



NOMINAL ATTENUATION VALUE

Model	Lng. ft (m)	10M Hz dB	50M Hz dB	100M Hz dB	150M Hz dB	200M Hz dB	400M Hz dB	700M Hz dB	900M Hz dB	1.0G Hz dB
V-1.5C	100 (100)	2.9 (9.6)	6.5 (21.5)	9.3 (30.4)	11.3 (37.2)	13.1 (42.9)	18.5 (60.7)	24.5 (80.3)	27.8 (91.1)	29.3 (96.0)
V-3C	100 (100)	1.5 (4.9)	3.2 (10.4)	4.7 (15.5)	5.8 (19.0)	6.7 (21.9)	9.4 (31.0)	12.5 (41.0)	14.2 (46.5)	14.9 (49.0)
V-5C	100 (100)	1.0 (3.4)	2.4 (7.8)	3.3 (10.8)	4.0 (13.2)	4.6 (15.2)	6.6 (21.5)	8.6 (28.4)	9.8 (32.3)	10.4 (34.0)

CRIMP PLUGS AND TOOLS MATRIX							
Model	CANARE 75 ohm Connectors			Cable Stripper		Crimp Tool	Die Set
	BNC	F	RCA				
V-1.5C	BCP-C1	-	-	-	-	TC-1	TCD-1DB
V-3C	BCP-A3 BCP-VA3	FP-C3	RCAP-C3A	TS-100E	TS-3C	TC-1	TCD-35CA
V-5C	BCP-A5 BCP-VA5	FP-C5	RCAP-C5A	TS-100E	TS-5C	TC-1	TCD-35CA