

▶ **Multichannel 75 ohm Video Coaxial Cable (V-5C Series)**



Product Name

Multichannel 75 ohm Video Coaxial Cable

Model Number

V-5C Series

Product Image

8281F type, 22AWG] Offers 8281 type performance for extra long cable runs over wide bandwidth RGB component analog systems. Also highly recommended for field operations where cable flex strength and maximum durability is a must.

- Component Analog Video.
- Video Projectors.
- Video Wall.
- Studio Tie Lines.
- CG/CAD Workstations.
- Structural Return Loss $\geq 20\text{dB}$ 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°)
V3-5C		51 (23) 102 (46)	3 RED, GRN, BLU	.611 (15.5)	.047 (1.20)	
V4-5C	328 (100) 656 (200)	66 (30) 132 (60)	4 RED, GRN, BLU, WHT	.674 (17.1)	.047 (1.20)	-22 (-30)
V5-5C		84 (38) 168 (76)	5 RED, GRN, BLU, WHT, YEL	.756 (19.2)	.055 (1.40)	

(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-5C Series	.237 (6.0)	AC-#22 (7/10.24)	.031 (0.78)	Foam PE	.189 (4.8)	>94%

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

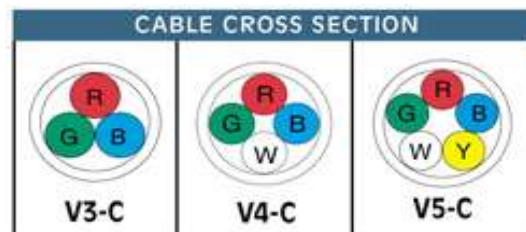
ELECTRICAL PERFORMANCE

Model	Cond. D.C.R. ohm/1000ft (ohm/100m)	Shield D.C.R. ohm/1000ft (ohm/100m)	Nom. Cap. @1KHz pF/ft (pF/m)	Nom. Imp. ohm	Chan. Diff. Delay 100ft ns.	Velocity of Prop.
V-5C Series	<15.5 (<5.1)	<3.7 (<1.2)	21 (67)	75	<2.2	66%

COLORS AVAILABLE

Model	Black	Blue	Brown	Gray	Green	Orange	Purple	Red	White	Yellow
V-5C 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