

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



Product Name

Multichannel 75 ohm Digital Video Coaxial Cable

Model Number

V-5CFB Series

Product Image

RG6 type,18AWG Designed for DIGITAL and HDTV facilities. Each coaxial channel includes a Foam Core PE dielectric, Solid Bare Copper Center Conductor and double Foil/Braid Shield. < 2.2 nano second channel-to-channel differential delay time, reduces phase errors in component video setup alignments. Bundled cable helps keep work site neat and clean. Can be used with confidence for Super Hi-Res CG workstation interconnects and Digital Video.

- Serial Digital Video (SDI).
- HDTV Upgrades.
- Video Walls.
- Hi-Res Video projection.
- CG/CAD Workstations.
- Solid Copper Center Conductor.
- Foam PE Dielectric.
- Tinned Copper Braid + 100% Foil Shield.
- Dielectric strips away clean from Conductor.
- Precision Coax 100% Sweep Tested.

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°)
V3-5CFB		192 (87)	3 RED, GRN, BLU	.673 (17.1)	.051 (1.30)	
V4-5CFB	984 (300)	240 (109)	4 RED, GRN, BLU, WHT	.740 (18.8)	.051 (1.30)	-22 (-30)
V5-5CFB		306 (139)	5 RED, GRN, BLU, WHT, YEL	.831 (21.1)	.059 (1.50)	

(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-5CFB Series	.256 (6.5)	AC-#18 (1/41.3) 1341	.041 (1.05)	Foam PE	.122 (3.1)	AL Foil 100% TAC Braid >93%

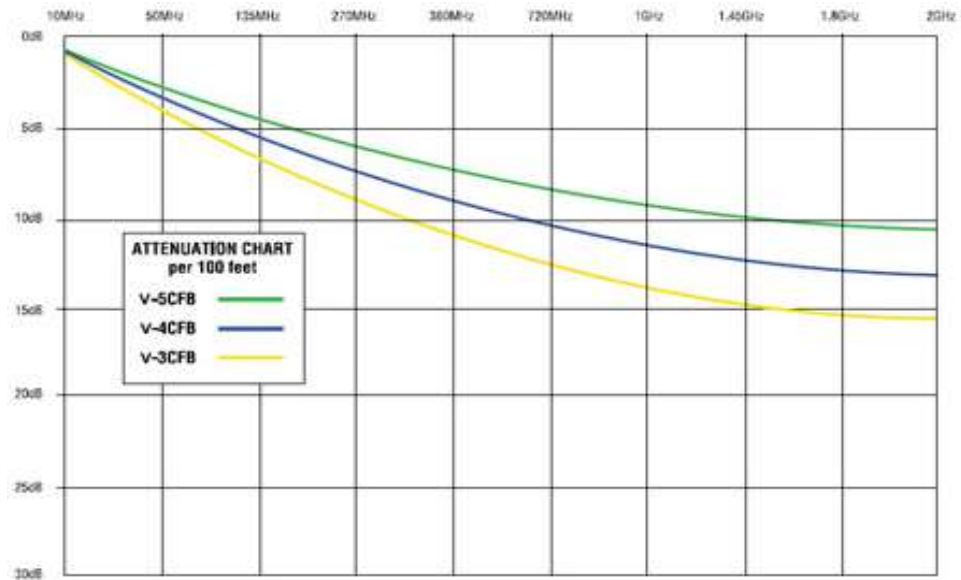
*Dielectric Strength = 1000V AC/1min. Insulation Resistance/3Mft = >1000M ohm.

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-5CFB Series	<7.1 (<2.4)	<2.1 (<0.7)	55	75	<2.2	79%

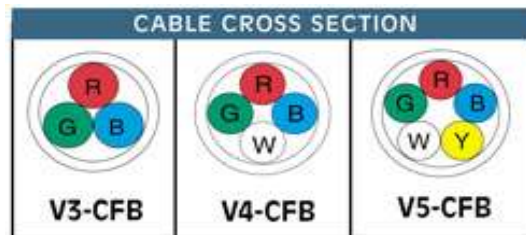
COLORS AVAILABLE

Model	Black	Blue	Brown	Gray	Green	Orange	Purple	Red	White	Yellow
V-5CFB Series	[+]	--	--	--	--	--	--	--	--	--

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



V-CFB Series Attenuation Chart



NOMINAL ATTENUATION VALUE											
Model	Lng. ft (m)	10M Hz dB	50M Hz dB	135M Hz dB	270M Hz dB	360M Hz dB	720M Hz dB	1G Hz dB	1.45G Hz dB	1.8G Hz dB	2G Hz dB
V-3CFB	100 (100)	1.0 (3.2)	2.5 (8.0)	3.7 (12.3)	5.2 (17.2)	6.1 (20.0)	8.9 (29.1)	10.6 (34.7)	13.0 (42.6)	14.7 (48.3)	15.6 (51.2)
V-4CFB	100 (100)	0.9 (2.9)	2.0 (6.6)	3.1 (10.2)	4.4 (14.5)	5.1 (16.7)	7.4 (24.3)	8.9 (29.1)	10.9 (35.8)	12.4 (40.7)	13.2 (43.3)
V-5CFB	100 (100)	0.7 (2.2)	1.6 (5.3)	2.5 (8.1)	3.5 (11.5)	4.1 (13.4)	5.9 (19.4)	7.1 (23.3)	8.8 (29.0)	10.1 (33.1)	10.7 (35.1)

CRIMP PLUGS AND TOOLS MATRIX							
Model	CANARE 75 ohm Connectors			Cable Stripper	Crimp Tool	Die Set	
	BNC	F	RCA				
V-3CFB	BCP-B3F	FP-C3F	RCAP-C3F	TS-100E	TS-3C	TC-1	TCD-35CA
V-4CFB	BCP-B4F	FP-C4F	RCAP-C4F	TS-100E	TS-3C	TC-1	TCD-451C
V-5CFB	BCP-B5F	FP-C5F	RCAP-C5F	TS-100E	TS-3C	TC-1	TCD-5CF