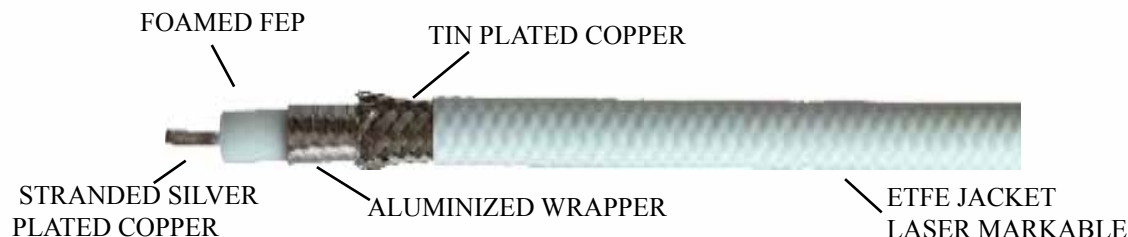


75 Ω COAXIAL HIGH DEFINITION VIDEO CABLE



This coaxial cable has been specially designed for high definition video applications. This cable is ideally suited for longer runs of SMPTE 424m-2006 HDTV. It has excellent attenuation characteristics and superior shielding effectiveness.

The construction of V78209 includes a silver-plated copper center conductor, a foamed FEP dielectric and it is double-shielded with a braid of tin-plated copper and an aluminized 100%-coverage wrapper. Tefzel jacketing protects the cable against abrasion and environmental effects while maintaining flexibility for ease of installation. It is laser-markable.

V78209 is Skydrol resistant, RoHS compliant and meets the FAA flammability requirements of FAR Part 23 and 25, Appendix F. V78209 complies with MIL-DTL-17 as applicable.

Because of the critical effect of impedance-matched terminations, a comprehensive family of 75 Ω connectors is available. Please contact PIC Wire & Cable for more details.

PHYSICAL DATA

ELECTRICAL DATA

Conductor	20 AWG Stranded SPC	Impedance (ohms)	75
Tensile Strength, Approx.	25 lbs.	Capacitance (pF/ft)	16.5
Temperature	-55° to +150°C	Velocity of Propagation (%)	80
Outer Diameter	0.211 in.	Time Delay	1.28
Minimum Bend Radius	1.1 in.	Shielding Effectiveness (dB)	-90
Weight (lbs / 100ft)	3.2 lbs	Attenuation (dB/100 ft), Nom/ Max	
		@ 1 MHz	0.22 / 0.3
		@ 10 MHz	0.7 / 0.9
		@ 100 MHz	2.5 / 2.8
		@ 400 MHz	5.3 / 5.8
		@ 1.45 GHz	11.7 / 12.9
		@ 3.00 GHz	19.1 / 21.0

All values nominal unless otherwise noted
See connector information on the next sheet

**Most Cables are in Stock and Available for Quick Delivery
Please Contact Customer Service for Details @ 262-246-0500**



CONNECTORS FOR PIC P/N V78209

CONTACTS	PIC P/N
ARINC	
Size 8 Pin (75 Ω)	190937
Size 8 Socket (75 Ω)	190932
M39029 for MIL-C-38999 Connector	
Size 8 Pin (75 Ω)	190940
Size 8 Socket (75 Ω)	190941
Size 8 Pin (75 Ω) with seal	190940-01
Size 8 Socket (75 Ω) with seal	190941-01
RF CONNECTORS	
BNC Straight Plug	190912
BNC 90° Plug	190913*
BNC Bulkhead Jack	190928
BNC Mini Straight Plug	190945
BNC Mini 90° Plug	190946
SMC 75 Ω Female Plug	190944
TNC Straight Plug	190908
TNC 90° Plug	190909*
TNC Bulkhead Jack	190921
	<i>*Call PIC for availability</i>

*DIE SETS AVAILABLE ON LOAN OR FOR PURCHASE FROM PIC**REFER TO CONNECTOR DRAWING FOR TOOLING***Most Cables are in Stock and Available for Quick Delivery
Please Contact Customer Service for Details @ 262-246-0500**