



LIGHTWEIGHT 75 Ω COAXIAL CABLE



This coaxial cable has been designed for 75 Ω applications such as high-definition digital or baseband analog video. This cable is ideally suited for 1.485 Mbps SMPTE 292M uncompressed HDTV. It has excellent attenuation characteristics and superior shielding effectiveness.

The construction of V73263 includes a silver-plated copper center conductor, a foamed FEP dielectric and is double-shielded with a helically-wound silver-plated copper strip and a tin plated copper braid. This combination yields better than -110 dB shielding effectiveness. ETFE jacketing protects the cable against abrasion and environmental effects while maintaining flexibility for ease of installation. It is laser-markable.

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

Because of the critical effect of impedance-matched terminations, a comprehensive family of 75 Ω connectors is available.

PHYSICAL DATA		ELECTRICAL DATA	
Conductor	26 AWG stranded SPC	Impedance (ohms)	75
Temperature	-55°C to +150°C	Capacitance (pF/ft)	16
Outer Diameter (in.)	0.125	Velocity of Propagation (%)	80
Minimum Bend Radius (in.)	0.65	Time Delay	1.28
Weight (lbs / 100ft)	1.5	Shielding Effectiveness (dB)	-110
		Attenuation (dB/100 ft) Nom/Max	
		@ 1.0 MHz	0.43 / 0.58
		@ 10 MHz	1.4 / 1.6
		@ 100 MHz	4.5 / 5.0
		@ 400MHz	9.6 / 10.6
		@ 1.45 GHz	20.0 / 22.0
		@ 3.00 GHz	30.9 / 34.0

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 V73263

CONTACTS	PIC P/N
ARINC	
Size 5 Socket 50 Ω	190703**
Size 5 Socket 75 Ω	190733
Size 8 Socket 50 Ω	190729
Size 8 Socket 75 Ω	190732**
Size 16 Socket	190730**
Mil-C-81659 Size 9 Socket	110237**
D-SUB	
Size 8 Pin	110235**
Size 8 Socket	110236**
M39029 for MIL-C-38999 Connector	
Size 8 Pin	190738**
Size 8 Socket	190739**
Size 16 Pin	190735**
Size 16 Socket	190734**
Size 8 Pin 75Ω	190740
Size 8 Pin 75 Ω with seal	190740-01
Size 8 Socket 75 Ω	190741
Size 8 Socket Ω with seal	190741-01
	<i>**Not recommended for high definition applications</i>
RF CONNECTORS	
BNC Straight Plug	190712
BNC 90° Plug	110249
BNC Straight Jack	190727
BNC Inline Jack	190727
BNC Bulkhead Jack	190728
BNC Mini Straight Plug	190745
F Straight Plug	110677
SMB 75 Ω Socket	190736
SMC 75 Ω Female Plug	110285
SMA Straight Plug	190714
TNC Straight Plug	190708
RCA Straight Plug	110218*
	<i>*Call PIC for availability</i>

*DIE SETS AVAILABLE ON LOAN OR FOR PURCHASE FROM PIC
REFER TO CONNECTOR DRAWING FOR TOOLING*

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