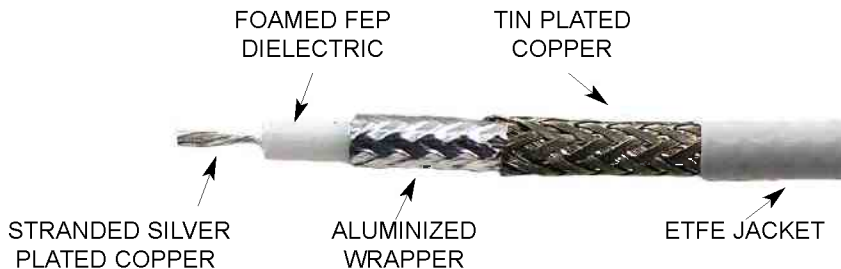


### 75Ω COAXIAL CABLE



This coaxial cable has been designed for 75Ω applications such as cabin entertainment baseband video. Compared with M17/94-RG179, this cable is substantially stronger (more than twice the tensile strength), has better attenuation characteristics, and has superior shielding effectiveness. At the same time, it is approximately the same weight. V76261 has been approved by Honeywell for the Apex/Epic system.

The V76261 construction includes a stranded silver-plated copper center conductor nearly 60% larger than in RG179 — yet the overall diameter of the cable increases by only 23%. To maintain correct impedance in its small diameter, a foamed FEP dielectric surrounds the center conductor. The cable is double-shielded with a braid of tin-plated copper and an aluminumized 100%-coverage wrapper. This combination yields better than -90 dB shielding effectiveness. Tefzel 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.

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

PHYSICAL DATA	V76261	RG179	ELECTRICAL DATA	V76261	RG179
Conductor (stranded)	0.019 in. O.D.	0.012 in. O.D.	Impedance (ohms)	75	75
Tensile Strength, Approx.	25 lbs.	10 lbs.	Capacitance (pF/ft)	16.0	19.5
Temperature	-55° to +150°C	-55° to +200°C	Velocity of Propagation (%)	81	69.5
Outer Diameter	0.123 in.	0.100 in.	Attenuation (dB/100 ft), Max		
Minimum Bend Radius	0.6 in.	0.5 in.	1 MHz	0.6	0.9
			10 MHz	1.6	3.0
			100 MHz	5.9	9.5
			400 MHz	15.0	21.0
Weight (lbs / 100ft)	1.1 lbs	1.0 lbs	Shielding Effectiveness (dB)	- 90	- 50

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 V76261**

<b>CONTACTS</b>	<b>PIC P/N</b>
<b>ARINC</b>	
Size 5 Socket 50 $\Omega$	190703
Size 5 Socket 75 $\Omega$	190733
Size 8 Socket 50 $\Omega$	190729
Size 8 Socket 75 $\Omega$	190732
Size 16 Socket	190730
Mil-C-81659 Size 9 Socket	110237
<b>D-SUB</b>	
Size 8 Pin	110235
Size 8 Socket	110236
Size 8 Socket (Precision)	110260
<b>M39029 for MIL-C-38999 Connector</b>	
Size 8 Pin	190738
Size 8 Socket	190739
Size 16 Pin	190735
Size 16 Socket	190734
<b>RF CONNECTORS</b>	
BNC Straight Plug	190712
BNC 90° Plug	110249
BNC Jack	190727
BNC 90° Bulkhead Jack	190728
BNC Mini Straight Plug	110518
BNC Mini Jack	110519
F Straight Plug	110211
SMB 75 $\Omega$ Socket	190736
SMC 75 $\Omega$ Female Plug	110285
SMA Straight Plug	190714
TNC Straight Plug	190708
RCA Straight Plug	110218

DIE SETS AVAILABLE ON LOAN OR FOR PURCHASE FROM PIC

REFER TO CONNECTOR DRAWING FOR TOOLING

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