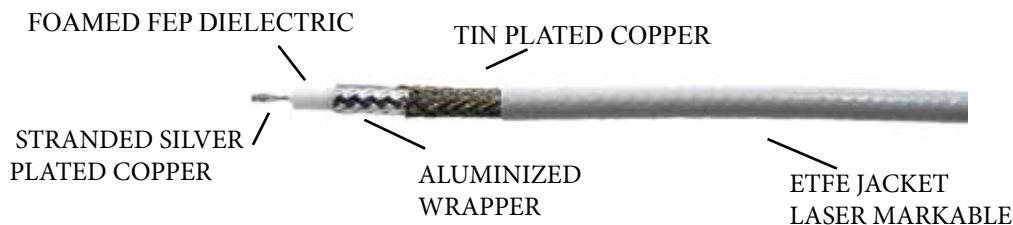




75 Ω COAXIAL CABLE



This coaxial cable has been designed for 75 Ω 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 aluminized 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 75 Ω connectors is available.

PHYSICAL DATA

Conductor	26 AWG stranded SPC
Tensile Strength, Approx.	25 lbs.
Temperature	-55° to +150°C
Outer Diameter	0.122 in.
Minimum Bend Radius	0.6 in.
Weight (lbs / 100ft)	1.1 lbs

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

ELECTRICAL DATA

Impedance (ohms)	75
Capacitance (pF/ft)	16.0
Velocity of Propagation (%)	80
Time Delay	1.28
Shielding Effectiveness (dB)	-70
Attenuation (dB/100 ft), Nom/ Max	
@ 1 MHz	0.49 / 0.52
@ 10 MHz	1.6 / 1.7
@ 100 MHz	5.1 / 5.5
@ 400 MHz	10.6 / 11.3
@ 1.45 GHz	21.9 / 23.4
@ 3.00 GHz	33.7 / 36.1

**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

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 75 Ω	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*

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

