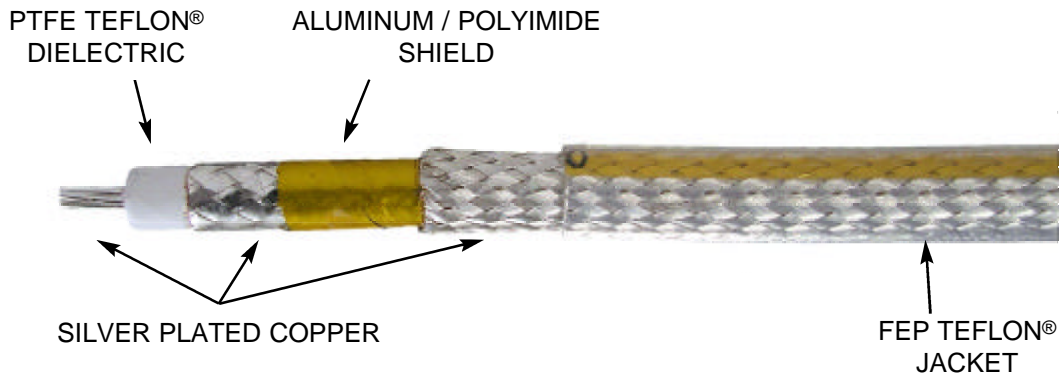


LOW LOSS 50Ω COAXIAL CABLE



This cable is particularly suitable for GPS, TCAS, Mode-S, MLS and SATCOM installations. It is lower loss, more flexible and less than half the weight of RG214 and RG393.

This special coaxial design incorporates a multi-layered shielding technique that combines conventional shields with an inner shield woven of flat strips of silver plated copper. This “unitized” shield reduces attenuation at frequencies over 1GHz when compared to round wire braids in

standard coaxial cables. Additionally, the cable VSWR is lower because the braids can be applied more uniformly. The attenuation and VSWR variation due to aging and flexure is substantially less.

It is Skydrol resistant and meets the FAA flammability requirements of FAR 23.1359(d), FAR 25.853(a) and FAR 25.869(a)(4); complies with MIL-C-17 where applicable.

PHYSICAL DATA

Conductors	14 AWG (7 x .023") SPC
Temperature	-55°C to +200°C
Outer Diameter	0.270 in., Nominal
Minimum Bend Radius	1.4 in.
Weight per 100 ft.	6.5 lbs

ELECTRICAL DATA

Impedance (ohms)	50	
Capacitance (pF/ft)	25.1	
Velocity of Propagation	80%	
Attenuation (dB/100 ft)		
	@ 1.0 GHz	7.2
	@ 1.5 GHz	8.6
	@ 5.0 GHz	17.5

PIC P/N S33141

See Connector information on the back of this bulletin



AVAILABLE IN STOCK FOR IMMEDIATE SHIPMENT



CONNECTORS
FOR PIC P/N S33141

ARINC Connectors

404 Size 1	190319
600 Size 5	190303
600 Size 1	190301
600 Modified Size 1	190302

RF Connectors **STRAIGHT** **RIGHT ANGLE**

PLUGS

HN	190304	190305
C	190306	190307
TNC	190308	190309
TNC 75°	— 190331	—
N	190310	190311
BNC	190312	190313
SMA	190314	190315

JACKS

N Bulkhead	190322
TNC Bulkhead	190321
TNC InLine	190323

CONNECTOR TOOLING

*TOOLS and DIE SETS AVAILABLE ON LOAN OR
FOR PURCHASE FROM PIC*

HAND TOOL	Use Standard M22520/5-01 Tool (PIC P/N 110104)
DIE SET	PIC P/N 190318