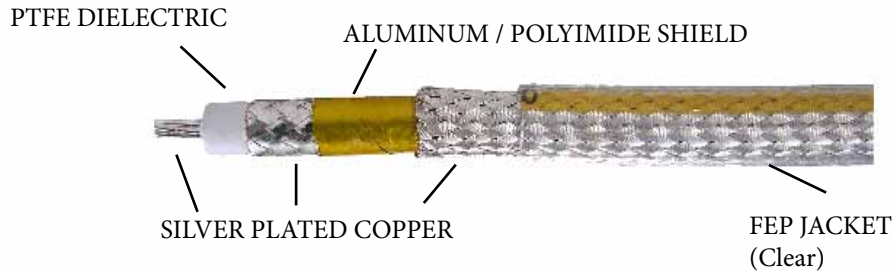


LOW LOSS 50 Ω COAXIAL CABLE



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 less than one third the weight of 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 1 GHz 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, RoHS compliant and meets the FAA flammability requirements of FAR Part 23 and 25, Appendix F; complies with MIL-C-17 as applicable.

PHYSICAL DATA		ELECTRICAL DATA	
Conductors	14 AWG Stranded SPC	Impedance (ohms)	50
Temperature	-55°C to +200°C	Capacitance (pF/ft)	25.1
Outer Diameter (in.)	0.270	Velocity of Propagation (%)	80.5
Minimum Bend Radius (in.)	1.40	Time Delay (ns/ft.)	1.26
Weight (lbs / 100ft)	6.5	Shielding Effectiveness (dB)	-90
All values nominal unless otherwise noted See connector information on the next sheet		Attenuation (dB/100 ft) Nom/Max	
		@ 400 MHz	4.3 / 4.8
		@ 1.0 GHz	6.6 / 7.2
		@ 1.6 GHz	8.6 / 9.5
		@ 5.0 GHz	15.9 / 18.0

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



CONNECTORS FOR PIC P/N S33141

CONTACTS	PIC P/N
ARINC	
404 Size 1	190319
600 Size 1	190301
600 Modified Size 1	190302
600 Size 5	190303
Size 8 Socket	190329
M39029 for MIL-C-38999 Connector	
Size 8 Pin	190338*
Size 8 Socket	190339*
RF CONNECTORS	
BNC Straight Plug	190312
BNC 90° Plug	190313
BNC Inline Jack	190327*
C Straight Plug	190306
C 90° Plug	190307
HN Straight Plug	190304
HN 90° Plug	190305
N Straight Plug	190310
N 90° Plug	190311
N Inline Jack	190324
N Bulkhead Jack	190322
SMA Straight Plug	190314
SMA 90° Plug	190315
SMA Inline Jack	190325*
TNC Straight Plug	190308
TNC 90° Plug	190309
TNC 75° Plug	190331
TNC Inline Jack	190323
TNC Bulkhead Jack	190321

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

**Call PIC for availability*

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