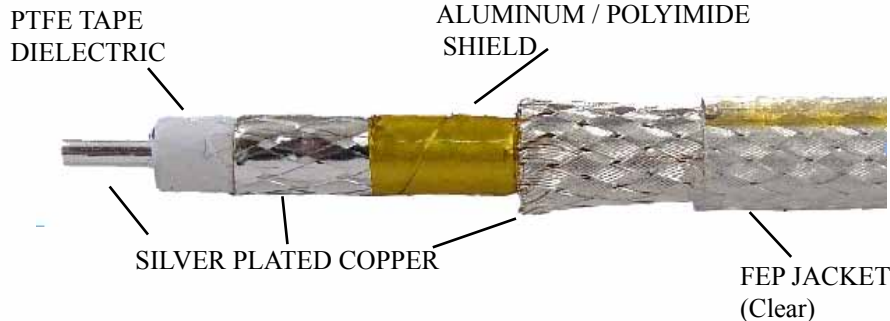


LOW LOSS 50 Ω COAXIAL CABLE



This cable is particularly suitable for GPS, TCAS, 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 braid 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

Conductors	15 AWG Solid SPC
Temperature	-55°C to +200°C
Outer Diameter (in.)	0.225
Minimum Bend Radius (in.)	1.20
Weight (lbs / 100ft)	5.0

ELECTRICAL DATA

Impedance (ohms)	50
Capacitance (pF/ft)	25.0
Velocity of Propagation (%)	80.0
Time Delay (ns/ft.)	1.27
Shielding Effectiveness (dB)	-90
Attenuation (dB/100 ft) Nom/Max	
@ 400 MHz	4.6 / 5.0
@ 1.0 GHz	7.2 / 7.8
@ 1.6 GHz	9.3 / 10.2
@ 5.0 GHz	17.0 / 19.0

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 S67163

CONTACTS	PIC P/N
ARINC	
404 Size 1	190519
600 Size 1	190501
600 Modified Size 1	190502
600 Size 5	110279*
RF CONNECTORS	
BNC Straight Plug	190512
BNC 90° Plug	190513
BNC Inline Jack	190527*
C Straight Plug	190506
C 90° Plug	190507
HN Straight Plug	190504
HN 90° Plug	190505
N Straight Plug	190510
N 90° Plug	190511
N Inline Jack	190524*
N Bulkhead Jack	190522*
SMA Straight Plug	190514*
SMA 90 Plug	190515*
SMA Inline Jack	190525*
TNC Straight Plug	190508
TNC 90° Plug	190509
TNC 75° Plug	190531
TNC Inline Jack	190523*
TNC Bulkhead Jack	190521
QMA Straight Plug	110580 / 110476
QMA 90 ° Plug	110581 / 110477

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

** Call PIC for availability*

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Please Contact Customer Service for Details @ 262-246-0500**

