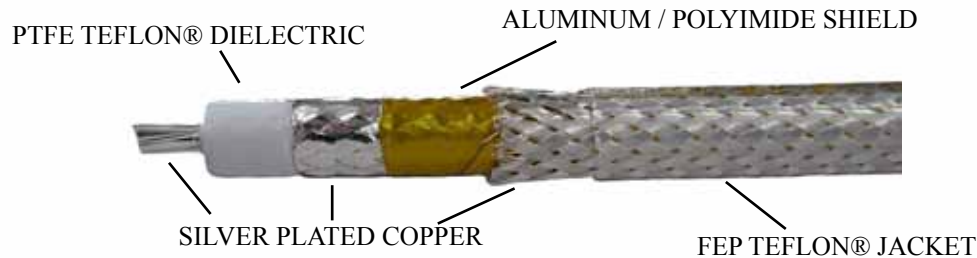


SUPER LOW LOSS 50 Ω COAXIAL CABLE



This cable is particularly suitable for GPS, TCAS, Mode-S, MLS and SATCOM installations.

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.

PHYSICAL DATA		ELECTRICAL DATA	
Conductor	8 AWG Stranded SPC	Impedance (ohms)	50
Temperature	-55° C to +200 °C	Capacitance (pF / ft)	24.5
Outer Diameter (in.)	0.435	Velocity of Propagation (%)	82.5
Minimum Bend Radius (in.)	2.50	Time Delay (ns/ft.)	1.23
Weight (lbs / 100ft)	18.0	Shielding Effectiveness (dB)	-90
See connector information on the next sheet All values nominal unless otherwise noted		Attenuation (dB / 100 ft) Nom/Max	
		@ 400 MHz	2.2 / 2.5
		@ 1.0 GHz	3.6 / 3.8
		@ 1.6 GHz	4.6 / 5.0
		@ 5.0 GHz	8.5 / 9.5

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



CONNECTORS FOR PIC P/N S22089

CONTACTS	PIC P/N
ARINC	
404 Size 1	190419*
600 Size 1	190401
600 Modified Size 1	190402
RF CONNECTORS	
BNC Straight Plug	190412
BNC 90° Plug	190413
BNC Inline Jack	190427*
C Straight Plug	190406
C 90° Plug	190407
HN Straight Plug	190404*
HN 90° Plug	190405*
N Straight Plug	190410
N 90° Plug	190411
N Inline Jack	190424
N Bulkhead Jack	190422
TNC Straight Plug	190408
TNC 90° Plug	190409
TNC Inline Jack	190423
TNC Bulkhead Jack	190421

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

** Call PIC for availability*

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