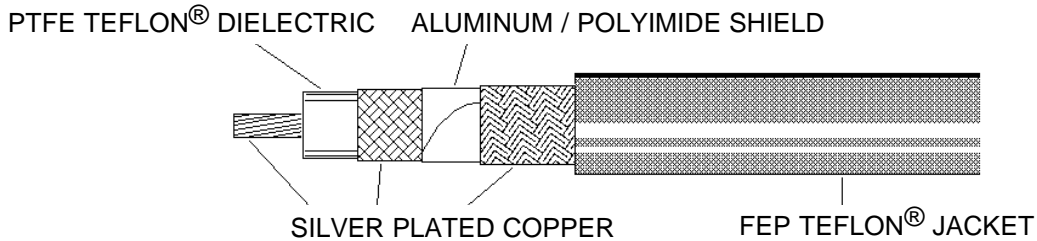


SUPER LOW LOSS COAXIAL CABLE



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 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.

PHYSICAL DATA		ELECTRICAL DATA	
Conductors	0.131" O.D. (7 x .0437") SPC	Impedance (ohms)	50
Temperature	-55°C to +200°C	Capacitance (pF/ft)	26
Outer Diameter	0.435 in. Nominal	Velocity of Propagation	79%
Minimum Bend Radius	2.5 in.	Time Delay (ns/ft.)	1.3
Weight per 100 ft.	18 lbs	Attenuation (dB/100 ft)	
		@ 1.0 GHz	3.8
		@ 1.5 GHz	4.8
		@ 5.0 GHz	9.5

PIC P/N S22089

*See Connector information
 on the back of this bulletin*

AVAILABLE IN STOCK FOR IMMEDIATE SHIPMENT

CONNECTORS FOR PIC P/N S22089

CONNECTOR	PIC P/N	KINGS
ARINC 600 Size 1	190401	
ARINC 600 Modified Size 1	190402	
HN Straight	190404	
HN 90°	190405	
C Straight	190406	
C 90°	190407	
TNC Straight	190408	125-81-9
TNC 90°	190409	126-51-9
TNC In-Line Jack	190423	121-34-9
N Straight	190410	1205-39-9
N 90°	190411	1206-18-9
N In-Line Jack	190424	1203-12-9
BNC Straight Plug	190412	
BNC 90° Plug	190413	

CONNECTOR TOOLING

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

	<u>TOOL</u>	<u>DIE SET</u>
For PIC Connectors	Standard M22520/5-01 Tool	190418
For KINGS Connectors	KTH-1000	KTH-2203