

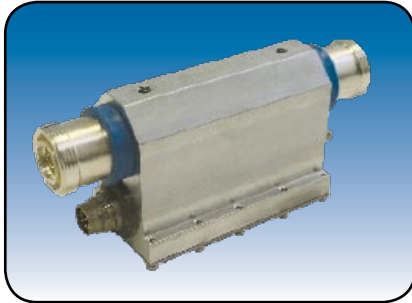
## SmartTilt™ AISG Modem

SMARTTILT

One pair of AISG Modems provides an operator the ability to control AISG compliant devices at the top of a tower through an existing RF feed cable. This eliminates the need to run a separate data feed cable up the tower, often providing lower operational costs.

If the ground level modem is installed in an inaccessible location, a cable termination box can be incorporated to re-locate the point of operation.

Two different configurations of AISG Modems are available to allow flexibility in mounting location.



Specifications	
Frequency:	800-2170 MHz
VSWR:	1.17:1 max
Insertion Loss:	≤ 0.1 dB typical, 0.15 dB max
Input Power:	<b>RF:</b> 750W max <b>DC:</b> 10-30V DC, 2A max on Pin 6
Intermodulation:	<-160 dBc for 2 x 20W carriers
Connectors:	<b>RF:</b> 2 x 7-16 Din <b>DC:</b> 8 Pin Circular (IEC 60130-9)
Dims (LxWxD):	3.9 x 2.3 x 2 inches (98 x 59 x 50 mm)
Weight:	1.0 lb (0.5 kg)

Connector Configurations			
Modem Model No:	AISG Connector *	Line RF Connector	Equipment RF Connector
MODEM100	Male	Female	Female
MODEM200	Female	Female	Female
MODEM101	Male	Male	Female
MODEM201	Female	Male	Female

\* Male AISG Connector Required at Point of Operation.

