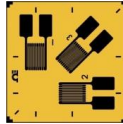
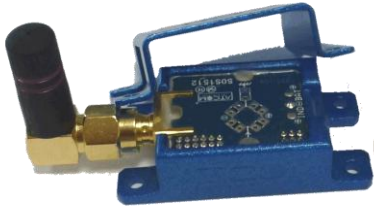


ATE J High Speed



Ordering Code
ATE 2 J i 40k - HT

1 = 1 channel
2 = 2 channel

i = current excitation
u = voltage excitation

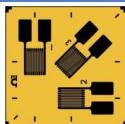
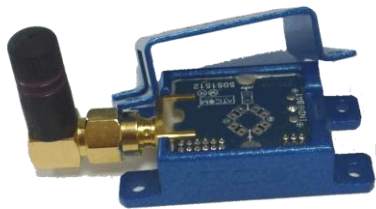
HT = -40/+125°C
blank = -20/+85°C

Sampling frequency :
13k / 20k / 27k / 40k

Receiver configuration code : « JHS »

	Min	Typ	Max	Unit
Supply				
Battery input (see also PackBattLiPo)	2.5	3.6	5	Vdc
Induction input(see also InducPack & ATIND13M)	7	12	28	Vdc
Consumption (3.6V - off sensor excitation)	54		60	mA
Consumption (12V - off sensor excitation)	16		18	mA
Measurement channel				
Synchronous channels count			2	
Bridge impedance	120		1000	Ω
Active branch (bridge complement on module)	1		4	
Current excitation (i Version)	0.01		3	mA
Voltage excitation (u Version)	0.01		3	V
Sampling frequency	13.89		41.67	kHz
Resolution		15		Bits
Out of band rejection	-75	-80		dB
Full scale differential input range	G=28	-45	45	mV
	G=1300	-960	960	μV
Full scale accuracy (after calibration)		0.15	0.3	%
Radio transmission				
Channels count		8		
Central Frequency	2.41		2.48	GHz
Bandwidth		±4		MHz
Power transmission	-17	0	+3	dBm
Environmental characteristics				
Dimension (excluding antenna)	42.7 x 20,6 x 12			mm
Weight	18			g
Acceleration resistance	10 000			g
Operating temperature range (commerciale range)	-20		+85	°C
Operating temperature range (industrielle range)	-40		+125	°C

ATE J Low Speed



Ordering Code
ATE 2 J i LS - HT

1 = 1 channel

2 = 2 channel

i = current excitation

u = voltage excitation

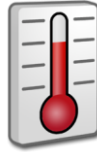
HT = -40/+125°C

blank = -20/+85°C

Receiver configuration code : « JLS »

	Min	Typ	Max	Unité
Supply				
Battery input (see also PackBattLiPo)	2.5	3.6	5	Vdc
Induction input(see also InducPack & ATIND13M)	7	12	28	Vdc
Consumption (3.6V - off sensor excitation)	4		36	mA
Consumption (12V - off sensor excitation)	1		10	mA
Measurement channel				
Synchronous channels count			2	
Bridge impedance	120		1000	Ω
Active branch (bridge complement on module)	1		4	
Current excitation (i Version)	0.05		3	mA
Voltage excitation (u Version)	0.3		3	V
Sampling frequency	1		1000	Hz
Resolution		16		Bits
Out of band rejection		-20		dB
Full scale differential input range	G=28	-45	45	mV
	G=1300	-960	960	μV
Full scale accuracy (after calibration)		0.15	0.3	%
Radio transmission				
Channels count		8		
Central Frequency	2.41		2.48	GHz
Bandwidth		±0.5		MHz
Power transmission	-17	0	+3	dBm
Environmental characteristics				
Dimension (excluding antenna)	42.7 x 20,6 x 12			mm
Weight	18			g
Acceleration resistance	10 000			g
Operating temperature range (commerciale range)	-20		+85	°C
Operating temperature range (industrielle range)	-40		+125	°C

ATE 4Tc Diff



Ordering Code
ATE4TcDiff - HT

HT = -40/+125°C
blank = -20/+85°C

Receiver configuration code : « 4Tc »

	Min	Typ	Max	Unité
Supply				
Battery input (see also PackBattLiPo)	2.5	3.6	5	Vdc
Induction input(see also InducPack & ATIND13M)	7	12	28	Vdc
Consumption (3.6V - off sensor excitation)	1		14	mA
Consumption (12V - off sensor excitation)	0.3		4	mA
Measurement channel				
Synchronous channels count			4	
Supported thermocouple		K, T, J, N, E, R, S, B		
Sampling frequency	1		200	Hz
Resolution		16		Bits
Out of band rejection		-20		dB
Full scale differential input range	-65		65	mV
Cold junction accuracy measurement		±0.3	±1	°C
accuracy measurement		15	40	µV
Radio transmission				
Channels count		16		
Central Frequency	2.405		2.480	GHz
Bandwidth		±0.5		MHz
Power transmission	-17	0	+3	dBm
Environmental characteristics				
Dimension (excluding antenna)	42.7 x 20,6 x 12			mm
Weight	18			g
Acceleration resistance	10 000			g
Operating temperature range (commerciale range)	-20		+85	°C
Operating temperature range (industrielle range)	-40		+125	°C

ATE 12Tc Diff



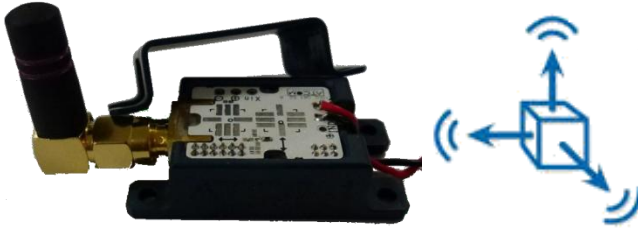
Ordering Code
ATE12TcDiff - HT

HT = -40/+125°C
blank = -20/+85°C

Receiver configuration code : « 12Tc »

	Min	Typ	Max	Unité
Supply				
Battery input (see also PackBattLiPo)	2.5	3.6	5	Vdc
Induction input(see also InducPack & ATIND13M)	7	12	28	Vdc
Consumption (3.6V - off sensor excitation)	1.5		24	mA
Consumption (12V - off sensor excitation)	0.5		7	mA
Measurement channel				
Synchronous channels count			12	
Supported thermocouple		K, T, J, N, E, R, S, B		
Sampling frequency	1		200	Hz
Resolution		16		Bits
Out of band rejection		-20		dB
Full scale differential input range	-65		65	mV
Cold junction accuracy measurement		±0.3	±1	°C
accuracy measurement		15	40	µV
Radio transmission				
Channels count		16		
Central Frequency	2.405		2.480	GHz
Bandwidth		±0.5		MHz
Power transmission	-17	0	+3	dBm
Environmental characteristics				
Dimension (excluding antenna)	125 x 62 x 41.6			mm
Weight	370			g
Acceleration resistance	10 000			g
Operating temperature range (commerciale range)	-20		+85	°C
Operating temperature range (industrielle range)	-40		+125	°C

ATE Acc



Ordering Code
ATE Acc 20k - HT

HT = -40/+125°C
 blank = -20/+85°C

Sampling frequency :
 13k / 20k / 27k / 40k

Receiver configuration code : « JHS »

Compatible with sensors ADXL001 (± 70 g, ± 250 g, ± 500 g)

	Min	Typ	Max	Unité
Supply				
Battery input (see also PackBattLiPo)	2.5	3.6	5	Vdc
Induction input(see also InducPack & ATIND13M)	7	12	28	Vdc
Consumption (3.6V - off sensor excitation)	40		43	mA
Consumption (12V - off sensor excitation)	11		13	mA
Measurment channel				
Channel count		1		
Sampling frequency	13.89		41.67	kHz
Resolution		15		Bits
Out of band rejection	-75	-80		dB
Full scale differential input range	0		3	V
Radio transmission				
Channels count		8		
Central Frequency	2.41		2.48	GHz
Bandwidth		± 4		MHz
Power transmission	-17	0	+3	dBm
Environmental characteristics				
Dimension (excluding antenna)	42.7 x 20,6 x 12			mm
Weight	18			g
Acceleration resistance	10 000			g
Operating temperature range (commerciale range)	-20		+85	°C
Operating temperature range (industrielle range)	-40		+125	°C

ATR



Ordering Code

ATR2RF - JLS - JHS - -

- 1 = 1 RF card
- 2 = 2 RF cards
- 3 = 3 RF cards
- 4 = 4 RF cards

- RF4 configuration
- RF3 configuration
- RF2 configuration
- RF1 configuration

JLS : Gauge Low Speed

JHS : Gauge High Speed
ou Accelerometer

nTc: Thermocouple
with n : 4, 8 ou 12

	Min	Typ	Max	Unité
Supply				
5W minimum	12	24	30	Vdc
Digital Restitution				
Standard				USB 2.0
Optional				CAN 2B
Analog Restitution				
Out count			8	
Expansion module (optional)			16	Voies
Connectors (cables)			BNC	
Configurable voltage range		±10		V
		±5		V
		0/10		V
		0/5		V
Resolution		16		Bits
Restitution noise		12	25	mVpp
		1.5	2.5	mVrms
Radio Reception				
Radio cards count (1 emitter module by card)			4	
Channels count		16		
Central Frequency	2.405		2.480	GHz
Power transmission (remote control)	-17	0	+3	dBm
High Speed sensitivity	-80			dBm
Low Speed sensitivity	-100			dBm
Environmental characteristics				
Dimension (1 & 2 RF) (excluding antenna)		126 x 81 x 30		mm
Dimension (3 & 4 RF) (excluding antenna)		126 x 81 x 46		mm
Weight (1 RF)		265		g
Operating temperature range	-20		+85	°C

