



**Specifications**

Item	Note				Unit
Type		AM826GE-D*	AM830GE-D*	AM834GE-D*	
<b>Forward path</b>					
Technology type		GaAs	GaAs	GaAs	
Standard gain (adjustable interstage step length@862MHz)		26	30	34	dB
Frequency range		87 (47) ~862	87 (47) ~862	87 (47) ~862	MHz
Flatness		±0.7	±0.7	±0.7	dB
Noise ratio		9	9	9	dB
Referential output level ( @50/550/750/862MHz )			38/ 43.5/ 46/ 47		dBmV
CTB	1	74	74	74	dB
CSO	1	70	70	70	dB
CM	1	71	71	71	dB
Group time delay		≤10	≤10	≤10	ns
Internal slope (adjustable step length)			6~12		dB
<b>Reverse path</b>					
Frequency range			5~65(30)		MHz
Standard gain			25, 20, 17		dB
Flatness			±0.75		dB
Noise ratio			7		dB
Group time delay			≤30		ns
Referential output level			37		dBmV
CTB	2	82	82	82	dB
CSO	2	72	72	72	dB
CM	2	76	76	76	dB
<b>General performance</b>					
Port return loss		16	16	16	dB
Out-band suppression		50	50	50	dB
Endurable impact voltage (10/700 μ s) (10/700 μ s)		5	5	5	kV
Maximal AC fuse		15	15	15	A
AC modulation (10A)		66	66	66	dB
Test point (±1dB)		-20	-20	-20	dB
Standard power supply (50Hz)			40~70		V
Power consumption		25 (switching power)	35 (ring transformer)		W
Operation temperature range			-25~65		℃
Dimension			285×210×110		mm
Weight		2.5 (switching power)	3 (ring transformer)		kg

Note 1: test condition: refer to output level and load PAL 59 analogy channels and 200~312MHz digital bandwidth (-10dB).  
 2: test condition: refer to output level and load PAL 3 analogy channels.