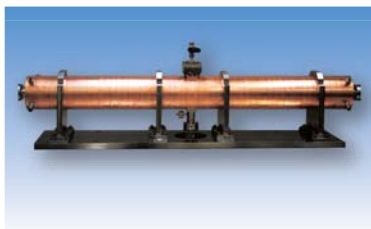


Compact Linear Accelerators

10MeV C-Band Linear Accelerator



Structure	On-Axis Coupled Standing Wave
Material	OFHC
Length	90cm
Frequency	5712±0.1MHz
Qo	11,000
Shunt Impedance	75MΩ /m
Beam Energy	10MeV@4MW
Beam Current	100mA

10MeV S-Band Linear Accelerator



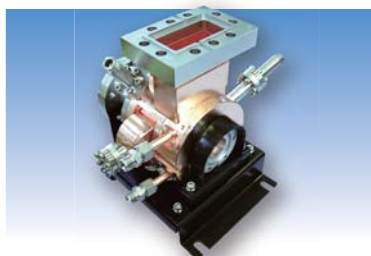
Structure	On-Axis Coupled Standing Wave
Material	OFHC
Length	70cm
Frequency	2856±0.5MHz
Qo	14,200
Shunt Impedance	60MΩ /m
Beam Energy	10MeV@5MW
Beam Current	150mA

10MeV S-Band Linear Accelerator



Structure	On-Axis Coupled Standing Wave
Material	OFHC
Length	150cm
Frequency	2856±0.1MHz at 32°C (vacuum)
Qo	14,300
Shunt Impedance	70MΩ /m
Beam Energy	10MeV@2MW
Beam Current	100mA

2MeV S-Band Linear Accelerator



Structure	Side coupled Standing Wave
Material	OFHC
Length	15cm
Frequency	2856MHz
Qo	14,500
Shunt Impedance	90MΩ /m
Beam Energy	2MeV@2MW
Beam Current	500mA



ADVANCED ELECTRONICS TECHNOLOGY

AET, Inc. URL: <http://www.aetjapan.com>
 2-7-6 Kurigi, Asaoku, Kawasaki-city, Kanagawa, Japan
 Tel: +81-44-980-0505 Fax: +81-44-980-1515
 e-mail: contactus@aetjapan.com

AET Associates, Inc. URL: <http://www.aetassociates.com>
 20370 Town Center Lane, Suite 252, Cupertino, CA 95014 U.S.A
 Tel: +1-408-996-1760 Fax: +1-408-996-1962
 e-mail: info@aetassociates.com