

# RF Fusion, Accelerators, Plasma and Particle Physics applications High Power, High Performance Coaxial & Waveguide Components

## High Power SHV/MHV, NIM-CAMAC Coaxial Cable Sets for Hi-Energy applications



NIM-CAMAC  
RF Cable Sets  
for Nuclear Instrumentation

High Power  
Laser Delivery  
Fiber Optic Cable Sets

High Power  
Coaxial Cable Sets  
for Plasma & Nuclear  
applications

SHV/MHV Cable  
Sets (5KV DC)  
for Nuclear  
Instrumentation

## Hi-Power upto 11kW (CW) 3" & 1-5/8" Cable Sets



11kW (CW), 700MHz  
3" High Power  
Coaxial Cable Sets

4.5kW (CW), 700MHz  
1-5/8" High Power  
Coaxial Cable Set

LL40 Flexible Cable  
replacement  
for RG 214  
and corrugated cables

## Waveguide Calibration Kits Terminations & Shorts



Precision W/Guide Calibration Kits



W/Guide Test Terminations & Shorts



WR2300~WR284 Hi-Power Loads

## Hi-Power 1-5/8", 3-1/8", 4-1/16", 6-1/8" & 9-3/16" Coax Components



6-1/8", 3-1/8" & 1-5/8"  
Coaxial Line Components

1-5/8", 3-1/8",  
4-1/16", 6-1/8"  
& 9-3/16" Coaxial Tees

48kW @ 230MHz  
3-1/8" 2-Way Switch

6-1/8" 78 kW @ 800 MHz  
Directional Coupler

Coax Flanges & Accessories  
1-5/8", 3-1/8", 4-1/2" & 6-1/8"

66MHz~4000MHz, 1~8kW  
High Power Circulators

8~18 GHz, 300 Watt  
Directional Coupler

## Inter-Series Adaptors



1-5/8" to N  
3-1/8" to N  
3-1/8" to 1-5/8"  
and 6-1/8" to 3-1/8" types

## Coupling Elements



1-5/8", 3-1/8"  
4-1/2", and 6-1/8" types

## High Power WR2300~WR284 Waveguide Components



W/G to Coaxial  
Transitions

Waveguide  
Straight Sections

W/G Directional  
Couplers

Bends

R32  
Variable  
Power Splitter

R32  
Variable  
Phase Shifter

Semi-flexible  
Waveguides

Circulators  
& Isolators

Rigid Waveguides

W/G Gas Barriers

## High Power (upto 50kW) Coaxial Fixed Loads and Attenuators

