



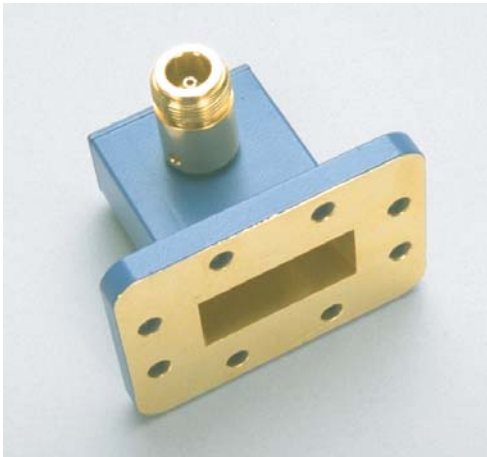
*Incorporating XL Microwave*

*Optional Accessories Available  
for  
Pendulum Instruments, Inc. / XL Microwave  
Wireless Test Instruments*

*Path Align-R™ Analyze-R™*

## ***Optional Accessories***

### Waveguide Adapter Acc 330



Waveguide-to-Coax Adapter  
WR-137 to 'N' (f)  
(5.85–8.20 GHz)

Flange: CPR137F  
Through Holes (8)  
No Choke or gasket grooves  
Rectangular flange

### Waveguide Adapter Acc 331



Waveguide-to-Coax Adapter  
WR-90 to 'N' (f)  
(8.20–12.40 GHz)

Flange: UBR100  
Through Holes (4)  
No Choke or gasket grooves  
Square flange

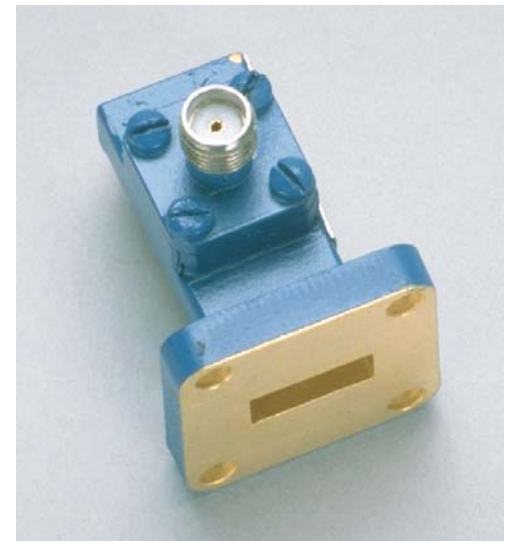
### Waveguide Adapter Acc 332



Waveguide-to-Coax Adapter  
WR-112 to 'N' (f)  
(7.05–10.0 GHz)

Flange: CPRF 112  
Through Holes (8)  
No Choke or gasket grooves  
Rectangular flange

### Waveguide Adapter Acc 333



Waveguide-to-Coax Adapter  
WR-42 to 'SMA' (f)  
(18.00–26.50 GHz)

Flange: UBR220  
Through Holes (4)  
No Choke or gasket grooves  
Square flange

## ***Optional Accessories***

### Coax Cable Acc 324



Coax Cable, SMA (m)(right-angle) to SMA (m),  
3-meters

### Coax Adapter Acc 325



Coax Cable Adapter, SMA (f) to N (m)

### Coax Cable Acc 329



Coax Cable, SMA (m) to N (m), 3-meters

## ***Optional Accessories***

Ruggedized Coax Cable  
Low-Loss (less than -2 dB at 20 GHz)  
Acc 338



Coax Cable, SMA (m) to N (m), 72 inches

## ***Optional Accessories***

### RS-232 Cable Assy Acc 340



DB-9 (m) to DB-9 (f)  
3-meters

### USB Cable Assy Acc 341



USB 'A' ((m) to USB 'B' (m)  
2-meters

## ***Optional Accessories***

### Directional Plate Antenna 2.4–2.5 GHz Acc 343



13 dBi Gain, 35° Beamwidth  
20–30 dB Front-Back Ratio  
8-3/4" W x 8" H x 1-1/2" Thk  
14" Coax w/ Type 'N' (m) connector

### Directional Plate Antenna 5.25–5.35 GHz Acc 344



13 dBi Gain, 42° Beamwidth  
20–30 dB Front-Back Ratio  
5-3/8" W x 5" H x 1-3/8" Thk  
9" Coax w/ Type 'N' (m) connector

### Directional Plate Antenna 5.725–5.875 GHz Acc 345



12.5 dBi Gain 42° Beamwidth  
20–30 dB Front-Back Ratio  
5-3/8" W x 5" H x 1-3/8" Thk  
9" Coax w/ Type 'N' (m) connector

## ***Optional Accessories***

### 5/16" Wrench for SMA Connectors



5/16" wrench for SMA connectors from Trilithic Inc.

### Attenuator Acc 313



60 dB in-line Attenuator, N(m) to N(f)

### Omni Stub Antenna Acc 342



'Rubber Duck' Omni Antenna with SMA/N Adapter  
for use with the Analyze-R™



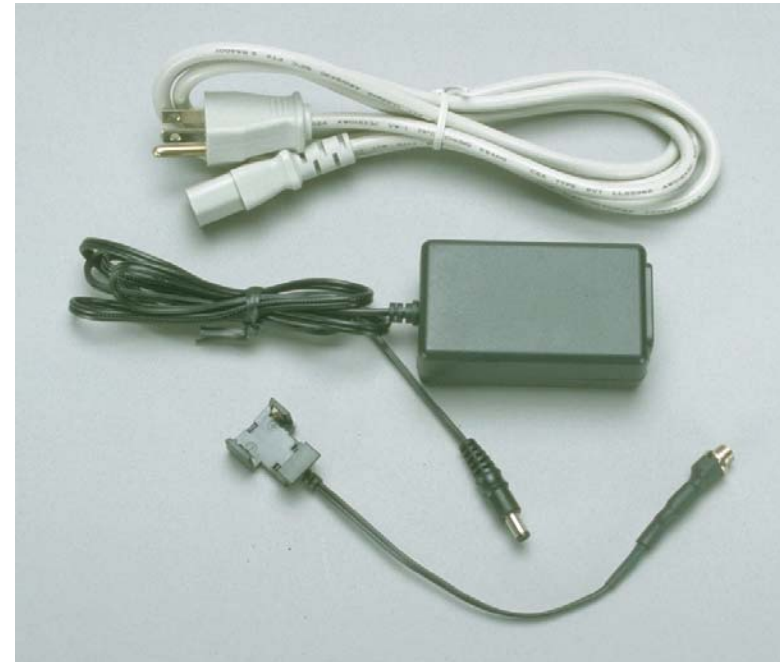
## Optional Accessories

### Spare Battery Acc 320



12 V, 2.3 Ah Rechargeable Sealed Lead/Acid Battery

### Battery Charger Acc 321



Portable Battery Charger (90–264 VAC Mains) and Adapter



## ***Optional Accessories***

### Vehicle Adapter Acc 322



In-Vehicle Battery Charger w/DC plug, for charging spare battery (within instrument).

### Vehicle Adapter Acc 323



In-Vehicle Battery Charger w/battery clip, for charging spare battery (outside of instrument).

## ***Optional Accessories***

### Headset Acc 327



Headset (ear piece with microphone) with 10 ft. coiled cord and clothing clip

## ***Optional Accessories***

### Backpack Acc 336



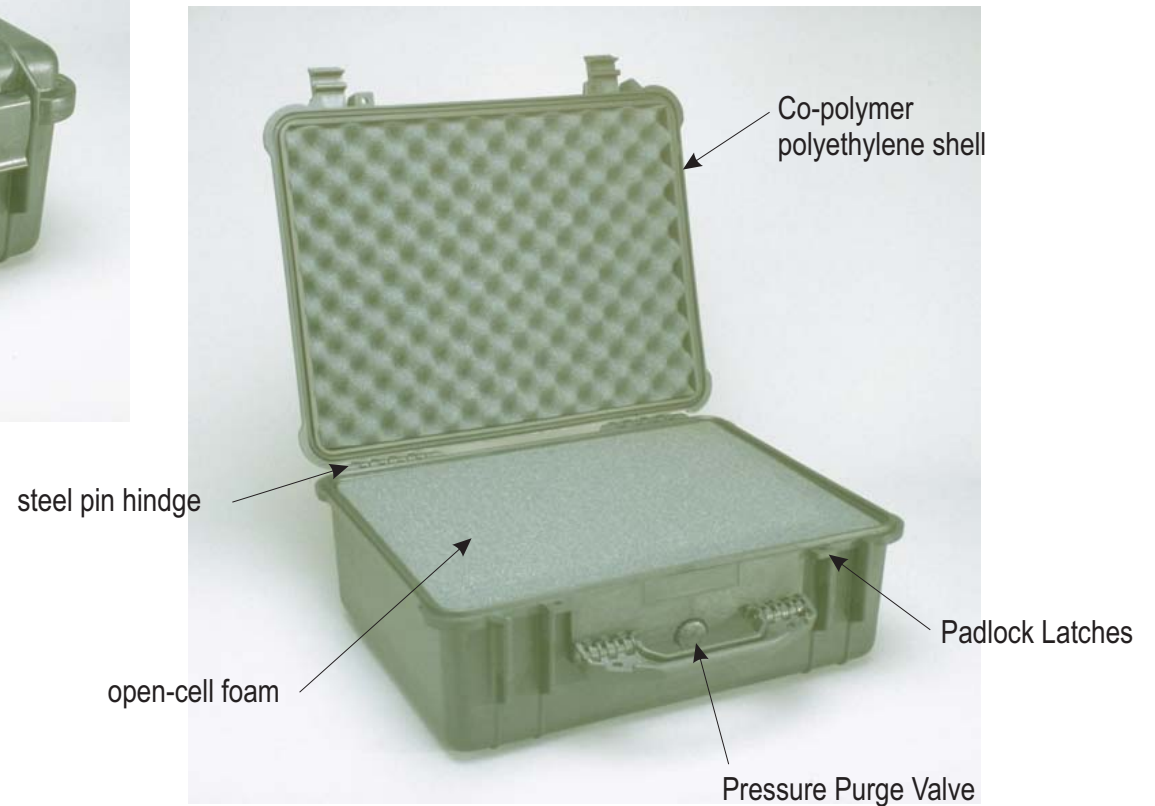
Weather-Resistant Instrument Back-Pack



## ***Optional Accessories***



Hard Case  
holds a single instrument,  
Path Align-R or Analyze-R  
Acc 326



Watertight to 30 feet, airtight, corrosion proof, dustproof, crushproof. Exceeds the highest standards of industrial, airline, military and commercial applications even in extreme temperatures under the most hazardous transportation, handling and site conditions.

## Optional Accessories

Hard Case with wheels  
holds a set of Path Align-Rs (2 units)  
Acc 339



These cases are unbreakable, watertight, dustproof, chemical resistant and corrosion proof. These cases are made of Ultra High Impact structural copolymer and are extremely strong and durable. Their exclusive 1/4" (6.4 mm) neoprene o-ring and ABS latches seal perfectly and include an automatic purge valve for quick equalization after changes in atmospheric pressure. Equipment fits into high density foam for protection against impact, vibration or shock. These cases are NATO codified and tested to MIL C-4150J (Military Standard), IP-67 (Ingress Protection) and ATA (Air Transportation Association). These cases have a lifetime guarantee against breakage or defects in workmanship ... but, the guarantee does not cover sharkbite, bear attack or children under 5.