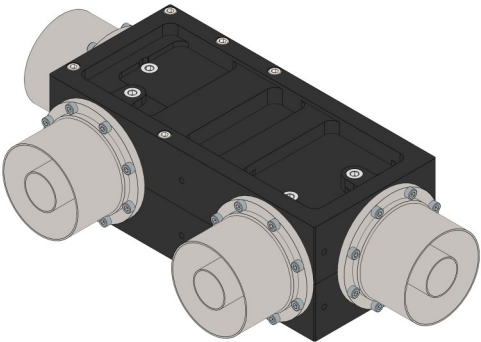


UHF Hybrid Coupler

HC90AC

FEATURES

- Crossed Configuration
- Rack-Unit Connector Spacing
- Modular Connector System
- 10-Year Warranty



SPECIFICATIONS

Code / Revision	C-HC90AC / A
Frequency Range	470-862 MHz
Max RMS Output Power ⁽³⁾	25.0 kW (700 MHz)
Connector Spacing (Center-to-Center)	4U
Return Loss (VSWR)	> 30 dB (1.07)
Isolation	> 30 dB
Amplitude Response	-3.05 ±0.30 dB
Phase Response	(0°, -90°) ±1°
Max Operating Temperature (Body)	65 °C (149 °F)
Environmental Conditions	-5 to +55 °C (+23 to +131 °F), IP60
Dimensions / Weight ⁽¹⁾	280x128x104 mm / 6.1 kg
Connectors (Inputs) ⁽⁸⁾	2x 100 mm D-PC100M3+1/8" FastLine Socket (Default) D-PC100N 3+1/8" FastLine Flange D-PC100Q 3+1/8" FastLine Plug D-PC100P 4+1/2" FastLine Socket D-PC100Q 4+1/2" FastLine Flange
Connectors (Load) ⁽⁸⁾	1x 100 mm D-PC100M3+1/8" FastLine Socket (Default) D-PC100N 3+1/8" FastLine Flange D-PC100P 4+1/2" FastLine Socket D-PC100Q 4+1/2" FastLine Flange
Connectors (Output) ⁽⁸⁾	1x 100 mm D-PC100M3+1/8" FastLine Socket (Default) D-PC100N 3+1/8" FastLine Flange D-PC100P 4+1/2" FastLine Socket D-PC100Q 4+1/2" FastLine Flange

⁽¹⁾ Approximate, default configuration ⁽³⁾ Altitude < 1500 m (4.900 ft.), Free air, Ambient temp. <30 °C (86 °F) ⁽⁵⁾ Glycol 30%, Liquid temp. 45° C (113 ° F), Liquid flow 6 l/min (1.6 gal/min)
⁽⁸⁾ Other Connections available