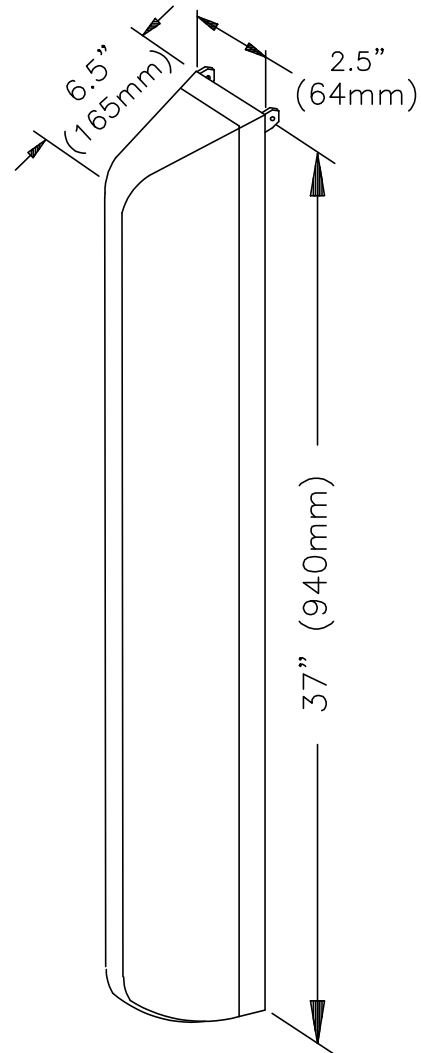


DB948G85E-R

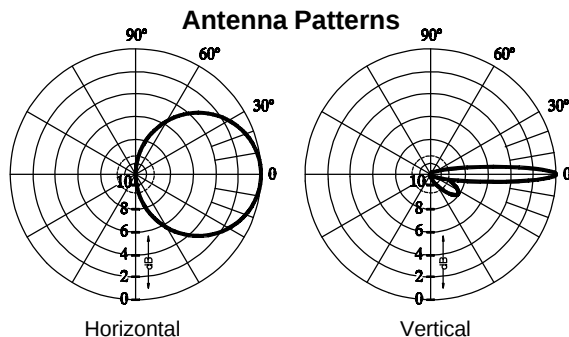
dB Director®

14 dBd 85° Directional Yagi Antenna, 2500-2700 MHz

Model Number	DB948G85E-R
Termination	7/16 DIN ("E") Female
Frequency Range	2500-2700 MHz
Gain	>14 dBd (16.1 dBi)
VSWR	1.4 : 1
Beamwidth (3 dB from max.)	Horizontal: 85° ± 5° Vertical: 7° ± 1°
Front-to-Back Ratio	- 40 dB @ 180° -32 dB @ 135° to 225°
Polarization	Vertical
Cross Polarization	-20 dB @ 0° ± 90° -28 dB @ 90° ± 135° -32 dB @ 135° ± 180°
Max. Input Power	250 Watts
Application	WLL
Weight	6 lbs. (2.7 kg)
Wind Area	Frontal Area: 0.64 ft² (0.06 m²) Lateral Area: 1.7 ft² (0.16 m²)
Wind Load (at 100 mph)	Frontal Thrust: 25.6 lbf (114N) 11.6 kp Lateral Thrust: 68 lbf (302N) 31 kp
Max. Wind Speed	125 mph (201 km/h)
Material	Radiators: PCB Back Panel: Pass. Aluminum Radome: ABS, UV Stabilized Mounting Hdw: Galvanized Steel
Color	Gray
Mounting	DB390 pipe mount kit, included.
Downtilt Brackets (Optional)	DB5098
Weather Protection	Fully protected by metal & UV stabilized ABS.
Lightning Protection	All metal parts grounded.
Packing Size	46" x 9" x 7" (117 x 23 x 18 cm)
Shipping Weight	12 lbs (7.2 kg)



85°



14 dBd (16.1 dBi) gain directional antenna with 85° horizontal 3 dB beamwidth for 2500-2700 MHz.

Specifications are for reference only.

099148-009-C 02/00



DECIBEL PRODUCTS

A Division of Allen Telecom Inc.

8635 Stemmons Freeway • P. O. Box 569610 • Dallas, Texas 75356-9610
214 / 631-0310 • Fax: 214 / 631-4706

