

Shakespeare[®]

COMMERCIAL GRADE UHF ANTENNA CF5U



The CF5U is designed to withstand the harshest environment. Made of foam filled rigid aluminium with the radiating elements sealed within an epoxy resin filled body.

The N type connector is covered with a waterproof shroud to seal any cables the antenna connects to.

The antenna offers an exceptionally wide bandwidth/VWSR characteristic and has a very clear signal due to the quarter wave short that is incorporated in the design.

Mounting is by use of the supplied Cross Over bracket (MXG100)

Registered in England No. 02452908 – VAT No. GB 531 6758 38
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Shakespeare is a subsidiary of Jarden Corporation (NYSE: JAH)

TECHNICAL DATA

CENTRE FED DIPOLE

CF5U

<u>ELECTRICAL</u>	
FREQUENCY	Specified freq UHF Band (420–500MHz)
POLAR RADIATION	Omni Directional
POLARISATION	Vertical
IMPEDANCE	50 Ohms
VSWR	<1.5:1 at resonant point
BANDWIDTH	+/- 8% @ 2:1
GAIN	Unity (over half wave dipole)
CABLE	300mm of RG213
CONNECTOR	N Type Jack with waterproof shroud
POWER RATING	100W
<u>MECHANICAL</u>	
ELEMENT	10mm diameter High Grade Aluminium rod
SEALING / BASE	Aluminium tube filled with closed cell foam and epoxy resin
LENGTH	0.72m Total length

The above figures & dimensions are nominal

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