

# FT137FC02C

ACCESSORY: FLEXTWIST WAVEGUIDE, WR137, 2 FT LONG, CPR137G-CPR137G, USED WITH ALL WAVEGUIDE SYSTEMS

## SPECIFICATIONS

### General

Item	Accessory: Flextwist Waveguide
Used With	All waveguide systems

\*Additional OEM interfaces and adapters may be available. Contact RadioWaves for a complete and current list of available adapters.

### Electrical

Waveguide Size, EIA	WR137	Insertion Loss Nominal Test Frequency	6.45 GHz
Waveguide Size, IEC	R70	VSWR	1.0900000000000001
Operating Frequency Band	5.85 - 8.2 GHz	Return Loss	-27 dB
Insertion Loss	0.18 dB	CW Power Rating, KW	2 dB

### Mechanical

Waveguide Flange 1	CPR137G	Repeated E-plane bend radius	16 inch
Waveguide Flange 2	CPR137G	Repeated H-plane bend radius	32 inch
Length, feet	2 ft	Repeated Twist rating	+/- 16 degrees per foot
Length, meters	0.6 m	Net Weight	consult factory
Jacket Material	Neoprene	Mechanical Configuration	FT
Static E-plane bend radius	4 inch	Operating Temperature Range	-50 to +100 C
Static H-plane bend radius	8 inch	Max operating pressure	30 psig
Static Twist rating	+/- 64 degrees per foot		

### Regulatory Compliance

RoHS-compliant	Yes
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### Shipping Information

Package Type	Cardboard	Dimensions, L x W x H	consult factory
Gross Weight	consult factory	Shipping Volume	consult factory

TECHNICAL DRAWINGS

