

FT42FA03A

ACCESSORY: FLEXTWIST WAVEGUIDE, WR42, 3 FT LONG, UG593-UG595, 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	WR42	Insertion Loss Nominal Test Frequency	22 GHz
Waveguide Size, IEC	R220	VSWR	1.25:1
Operating Frequency Band	17.7 - 26.5 GHz	Return Loss	-19 dB
Insertion Loss	2.1 dB	CW Power Rating, KW	0.1 dB

Mechanical

Waveguide Flange 1	UG593	Repeated E-plane bend radius	6 inch
Waveguide Flange 2	UG595	Repeated H-plane bend radius	12 inch
Length, feet	3 ft	Repeated Twist rating	+/- 45 degrees per foot
Length, meters	0.9 m	Net Weight	consult factory
Jacket Material	Neoprene	Mechanical Configuration	FT
Static E-plane bend radius	1.5 inch	Operating Temperature Range	-50 to +100 C
Static H-plane bend radius	3 inch	Max operating pressure	45 psig
Static Twist rating	+/- 155 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

