



## Desiccant Cartridge Kit for rectangular waveguide R220

Desiccant cartridge kit R220 consisting of:  
 Straight rectangular waveguide section with PBR/UBR 220 flanges  
 Gas inlet adapter with G1/8" thread  
 Desiccant cartridge - in an airproofed can  
 Desiccant cartridge holder  
 Right angle adapter with G1/8" thread  
 Screw kit and O-Ring for PBR Flange,  
 Teflon Tape  
 Installation Instruction



### FEATURES / BENEFITS

The RFS desiccant cartridge is a compact and economical solution designed to protect antenna/feeder systems against moisture. The desiccant cartridge is connected to the system and the humidity indicator will provide an early warning (long before link failure) if moisture has entered the system in spite of all the precautionary measures taken. In case of high humidity, the material inside the cartridge will be saturated. This is indicated if the colour changes from blue to violet of the material visible through the window in the front side of the desiccant.

### Technical Features

#### STRUCTURE

Type of Rectangular Waveguide Component		Desiccant Cartridge
Waveguide Size IEC (EIA)		R220 (WR42)
Flange A		PBR220
Flange B		UBR220
Flange Finish		Brass un-plated
Package Quantity		1

#### ELECTRICAL SPECIFICATIONS

Frequency Range	GHz	17.6 - 26.7
Minimum Return Loss (max. VSWR)	dB (VSWR)	26.4 (1.10)

#### MECHANICAL SPECIFICATIONS

Length	mm (in)	30 (1.2)
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#### MATERIAL

Material		Rectangular waveguide section: Brass Gas inlet adapter: Brass nickel plated Right angle adapter: Brass nickel plated Screw kit: Stainless steel O-ring: Silicone rubber Desiccant cartridge housing: Brass
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#### External Document Links

#### Notes

Installation Instruction