



Desiccant cartridge kit R320 consisting of:  
Straight rectangular waveguide section with PBR/UBR 320 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)		R320 (WR28)
Flange A		PBR320
Flange B		UBR320
Flange Finish		Brass un-plated
Package Quantity		1

**ELECTRICAL SPECIFICATIONS**

Frequency Range	GHz	26.3 - 40
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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**RELATED PRODUCTS**

Spare Part / Useful Accessories		
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**External Document Links**[Installation Instruction](#)**Notes**