

Microwavefilters® &

Microwave components for telecommunication systems

Quality Jumper Flex Cables



In R32/WR284 Waveguide
for High-Power Applications

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This new family of flexible jumper cables in R32/WR284 waveguide is tailored for high-power applications. It has thicker silver-plating to withstand high power levels. Cables are supplied with silicone rubber jackets for protection in harsh environments.

Jumper Cables in Flex Waveguide WR284/R32

Main Characteristics

Frequency Range	2.60 ÷ 3.95 GHz
Waveguide	R32 (WR284)
Insertion Loss	≤ 0.03 dB/feet (typical)
VSWR	1.10:1 max (< 36") 1.15:1 max (≥ 36")
Power Rating	33.8 kW (average) 1.5 MW (peak)
Max. Pressure	30 psig
Material	Brass Seamless
Flange Type	2 UDR32 Flanges (other types of flanges are available)
Finishing	Silver-plating
Flange External Finishing	Black Paint RAL9005
Jumper Cable External Finishing	MIL Silicon Rubber Jacket (included)
Part Number	MWFTG-32/XXX-AAAA.AAAA, where XXX is the length in mm and AAAA is the flange type (DFNI stands for UDR flanges)

Frequency Response of MWFTG-32/102-DFNI.DFNI

