

# Microwavefilters® &

## Jumper Cables



**Microwavefilters & TVC srl**

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This new family of flexible jumper cables in R32/WR284 waveguide is tailored for high-power applications. Cables are supplied with silicone rubber jackets for protection in harsh environments, gaskets and screw kit for installation.

### Jumper Cables in Flex Waveguide WR284/R32

#### Main Characteristics

Frequency Range	2.60 ÷ 3.95 GHz
Waveguide	R32 (WR284)
Length	1000 mm (other lengths are available)
Weight	3.75 Kgs
Insertion Loss	≤ 0.16 dB/m
VSWR	1.15:1 max
Power Rating	4.0 kW (average) 2.2 MW (peak)
Max. Air Pressure	0.2 MPa
Material	Brass Seamless
Flange Type	2 PDR32 Flanges with gaskets on both ends (other types of flanges are available)
Internal Finishing	Brightening Passivation
Flange External Finishing	Black Paint RAL9005
Jumper Cable External Finishing	MIL Silicon Rubber Jacket (included)
Min. E-Bend Radius	204 mm
Min. H-Bend Radius	408 mm
Part Number	MWFG-32/XXX-AA.AA, where XXX is the length in mm and AAAA is the flange type according to the following encoding (for instance, MWFG-32/1000-EF.EF stands for a jumper cable 1000mm long with PDR flanges at both ends)  AF = UERF BF = UARF CF = PARF DF = UDRF EF = PDRF FF = UBRF GF = PBRF