Fixed-tuned PBR120 for elliptical waveguide 132

Product Classification

Product Type	Elliptical waveguide connector
General Specifications	
Attachment Method	Tab-flare Tool-flare
Body Style	Straight, fixed-tuned
Inner Contact Plating	Unplated
Interface	PBR120
Outer Contact Plating	Unplated
Pressurizable	Yes
Dimensions	
Width	52.324 mm 2.06 in
Length	70.612 mm 2.78 in
Transition Length	36.322 mm 1.43 in
Waveguide Size	WR75 WG17 R120
Electrical Specifications	
Insertion Loss, typical	0.01 dB
Operating Frequency Band	13.75 – 14.50 GHz
Peak Power at Frequency, maximum	36.60 kW @ 14.70 GHz
Material Specifications	
Material Type	Brass

Environmental Specifications

Operating Temperature	-55 °C to +85 °C (-67 °F to +185 °F)
Storage Temperature	-55 °C to +85 °C (-67 °F to +185 °F)

Packaging and Weights

Weight, net

0.55 kg | 1.213 lb

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Regulatory Compliance/Certifications

Agency Classification

ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system

* Footnotes

Insertion Loss, typical 0.05√⁻freq (GHz) (not applicable for elliptical waveguide)

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