

1240SCM



Fixed-tuned PBR220 for elliptical waveguide 240

OBSOLETE

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 PBR220

Outer Contact Plating Unplated

Pressurizable Yes

Dimensions

Width 39.878 mm | 1.57 in

Length 61.468 mm | 2.42 in

Transition Length 33.02 mm | 1.3 in

Waveguide Size WR42 | WG20 | R220

Electrical Specifications

Insertion Loss, typical 0.01 dB

Operating Frequency Band 24.0 – 26.5 GHz

Peak Power at Frequency, maximum 9.10 kW @ 25.25 GHz

Material Specifications

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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 0.3 kg | 0.661 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant



* Footnotes

Insertion Loss, typical $0.05\sqrt{\text{freq}}$ (GHz) (not applicable for elliptical waveguide)