

Non-tunable PBR120 for elliptical waveguide 132

OBSOLETE

Replaced By

2132SCM

Fixed-tuned PBR120 for elliptical waveguide 132

Product Classification

| | |
|---------------------|--------------------------------|
| Brand | HELIAX® |
| Product Type | Elliptical waveguide connector |

General Specifications

| | |
|-----------------------|-----------------------|
| Interface | PBR120 |
| Waveguide Size | WR75 WG17 R120 |
| Body Style | Straight, non-tunable |
| Material Type | Brass |

Electrical Specifications

| | |
|---|----------------------|
| Operating Frequency Band | 13.75 – 14.50 GHz |
| Insertion Loss, typical | 0.01 dB |
| Peak Power, maximum at Frequency | 36.60 kW @ 14.70 GHz |

Mechanical Specifications

| | |
|------------------------------|------------------------|
| Attachment Method | Tab-flare Tool-flare |
| Inner Contact Plating | Unplated |
| Outer Contact Plating | Unplated |
| Pressurizable | Yes |

Dimensions

| | |
|--------------------------|--------------------|
| Length | 91.19 mm 3.59 in |
| Transition Length | 56.64 mm 2.23 in |
| Weight | 0.70 kg 1.54 lb |
| Width | 52.32 mm 2.06 in |

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) |

* Footnotes

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