

Kathrein RF power dividers are designed for use in a number of professional applications including multi-element antenna arrays and radiating cable systems and other cases where efficient broadband power splitting is required. These dividers feature low insertion loss and excellent impedance match. Careful and conservative mechanical designs assure a long service life with high reliability and stability in even the most difficult environmental conditions.

Kathrein Scala Division has provided several thousand of these rugged and reliable RF power dividers for communications and broadcasting systems over the past 40 years and we welcome the opportunity to help you find the best and most cost-effective solutions for your system requirements.



**K6320237**



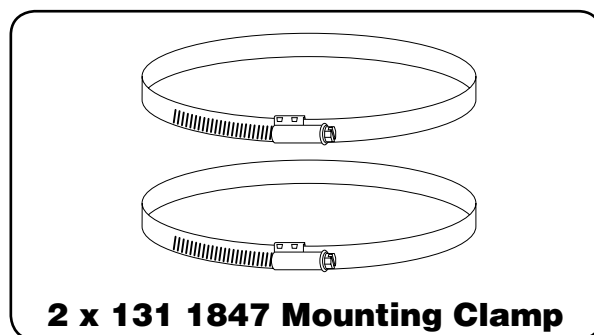
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<b>Specifications:</b>	<b>K6320221</b>	<b>K6320231</b>	<b>K6320241</b>
Frequency range	380–512 MHz	380–512 MHz	380–512 MHz
Impedance	50 ohms	50 ohms	50 ohms
Insertion loss	<0.05 dB	<0.05 dB	<0.05 dB
Split	50%/50%	33.3%/33.3%/33.3%	25%/25%/25%/25%
VSWR	<1.1:1	<1.1:1	<1.1:1
Maximum input power	500 watts	500 watts	500 watts
Connector	N female	N female	N female
Weight	4.5 lb (2 kg)	4.7 lb (2.1 kg)	4.8 lb (2.2 kg)
Dimensions*	16.1 x 1.6 x 1.6 inches (409 x 40 x 40 mm)	16.1 x 1.6 x 1.6 inches (409 x 40 x 40 mm)	16.1 x 1.6 x 1.6 inches (409 x 40 x 40 mm)
Shipping dimensions	16.7 x 4.2 x 3.7 inches (425 x 107 x 93 mm)	16.7 x 4.2 x 3.7 inches (425 x 107 x 93 mm)	16.7 x 4.2 x 3.7 inches (425 x 107 x 93 mm)
Shipping weight	4.7 lb (2.1 kg)	4.9 lb (2.2 kg)	5 lb (2.3 kg)
Mounting	Mounting clamp available for masts of 2 to 5.7 inch (50 to 145 mm) OD.		

<b>Specifications:</b>	<b>K6320227</b>	<b>K6320237</b>	<b>K6320247</b>
Frequency range	380–512 MHz	380–512 MHz	380–512 MHz
Impedance	50 ohms	50 ohms	50 ohms
Insertion loss	<0.05 dB	<0.05 dB	<0.05 dB
Split	50%/50%	33.3%/33.3%/33.3%	25%/25%/25%/25%
VSWR	1.1:1	<1.1:1	<1.1:1
Maximum input power	1000 watts	1000 watts	1000 watts
Connector	7-16 DIN female	7-16 DIN female	7-16 DIN female
Weight	4.6 lb (2.1 kg)	4.8 lb (2.2 kg)	5 lb (2.3 kg)
Dimensions*	16.1 x 1.6 x 1.6 inches (409 x 40 x 40 mm)	16.1 x 1.6 x 1.6 inches (409 x 40 x 40 mm)	16.1 x 1.6 x 1.6 inches (409 x 40 x 40 mm)
Shipping dimensions	16.7 x 4.2 x 3.7 inches (425 x 107 x 93 mm)	16.7 x 4.2 x 3.7 inches (425 x 107 x 93 mm)	16.7 x 4.2 x 3.7 inches (425 x 107 x 93 mm)
Shipping weight	4.8 lb (2.2 kg)	5 lb (2.3 kg)	5.3 lb (2.4 kg)
Mounting	Mounting clamp available for masts of 2 to 5.7 inch (50 to 145 mm) OD.		

\*Excludes connector and bracket.


**Order Information:**

Model	Description
K6320221	2-way RF Power Divider with N connectors
K6320231	3-way RF Power Divider with N connectors
K6320241	4-way RF Power Divider with N connectors
K6320227	2-way RF Power Divider with 7-16 DIN connectors
K6320237	3-way RF Power Divider with 7-16 DIN connectors
K6320247	4-way RF Power Divider with 7-16 DIN connectors

**Mounting Options:**

Model	Description
2 x 131 1847	Mounting Clamp for 2 to 5.7 inch (50 to 145 mm) OD mast.

All specifications are subject to change without notice. The latest specifications are available at [www.kathrein-scala.com](http://www.kathrein-scala.com).