

## 500 to 8000MHz – 3 Way Power Divider/Splitter

### Design Features

- ◆ High RF performance, ultra-competitive price.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ Support one year standard warranty.

### RF Characteristics

| Model Number               | Freq.Range (GHz) | Insertion Loss Max(dB) | Isolation Min(dB) | VSWR Input Max | VSWR Output Max | Phase Unbalance | Amplitude Unbalance | Power (W) |          | Connector Type | Temp.(°C) |
|----------------------------|------------------|------------------------|-------------------|----------------|-----------------|-----------------|---------------------|-----------|----------|----------------|-----------|
|                            |                  |                        |                   |                |                 |                 |                     | Splitter  | Combiner |                |           |
| UIY3PD53160B<br>500T8000SF | 0.5 ~ 8.0        | 2.2<br>(Split 4.8dB)   | 18                | 1.6            | 1.4             | $\pm 10^\circ$  | $\pm 0.9\text{dB}$  | 20        | 1        | SMA-F          | -55 ~ +85 |

- <sup>2</sup> Listed are specific frequency ranges and other ranges are available by custom.
- <sup>2</sup> Please provide the below information when inquiring and mark \* is required.
- \* 1. The specific frequency ranges.
2. Other special requests (such as Insertion Loss, VSWR, Connector Type, Dimension, etc.)

### Mechanical Drawing



Unit: mm/ inch, General part tolerance is  $\pm 2\%$  unless otherwise stated.

Ver. 5

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