

DATASHEET

2.4 GHz Power Dividers PD24-2 / PD24-3



2.4 GHz Power Dividers

PD24-2 / PD24-3

The PD24-2 and PD24-3 are 2.4 GHz 2-way and 3-way power dividers and are used to connect two or three antennas to a single radio. They feature weather-proof construction and can be installed indoors or outdoors. The PD24-2 and PD24-3 power dividers can be used with amplified systems because they will pass DC power to all ports.

Features and Benefits

- Compatible with 802.11b and 802.11g wireless applications
- Industrial grade
- RoHS compliant
- Cast aluminum construction
- Weatherproof for indoor or outdoor use
- DC power will pass to all ports
- N-Female connectors
- Optional mounting kits available

Specifications

Type	2-Way	3-Way
Frequency	2400 to 2500 MHz	2400 to 2500 MHz
Insertion Loss (excludes power division)	<0.4 dBi	<0.5 dBi
Impedance	50 Ohms	50 Ohms
VSWR	<1.5 : 1 Typical	<1.5 : 1 Typical
Power Rating	25 Watts	25 Watts
Operating Temperature	-40° C to +85° C (-40° F to 185° F)	-40° C to +85° C (-40° F to 185° F)
Dimensions (L x D x H)	3.5 x 1.9 x 1.3 (inches) 89 x 48 x 33 (mm)	4.6 x 2.6 x 1.7 (inches) 117 x 66 x 43 (mm)
Weight	0.5 lbs. (.23 kg)	0.65 lbs. (.29 kg)
Port Isolation	15 dB Typical (output port)	No Reverse Port Isolation
RoHS Compliant	Yes	Yes

Additional Products

ProSoft Technology® offers a full complement of hardware and software solutions for a wide variety of industrial communication platforms.

Visit our web site at <http://www.prosoft-technology.com> for a complete list of products.

Ordering Information

To order this product, please use the following:

Part Number	Description	Insertion Loss
PD24-2	2 way divider	3.0 dB
PD24-3	3 way divider	5.0 dB

To place an order, please contact your local ProSoft Technology distributor. For a list of ProSoft distributors near you, go to <http://www.prosoft-technology.com>

Distributors:

Place your order by email or fax to:

North American / Latin American / Asia Pacific

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fax to +1 661.716.5101

Europe

europe@prosoft-technology.com,
fax to +33 (0) 5.61.78.40.52