

ANTPD SERIES RF POWER DIVIDERS

Telewave RF Power Dividers divide up to 500 Watts of power from a single source over 2, 3, or 4 outputs. Dividers are available in overlapping frequency bands from 24 MHz to 2.5 GHz, with very low VSWR and insertion loss. Power is divided equally to each output port.

Telewave power dividers are custom machined from solid 6061-T6 aluminum stock. These devices utilize solid metal conductors for all internal RF paths, enabling 500 watt continuous power handling and extremely low insertion loss. No coaxial cabling of any kind is used internally, and no tuning is required for full band coverage. The standard connector type is N Female, and 7-16 DIN can also be supplied as an option for high power applications.

Telewave power dividers also feature our high-tech Txylan™ coating, which provides exceptional protection from water, corrosive chemicals, salt spray, and windblown abrasives. This poly-polar coating beads water, and is chemically bonded to the metal surface of the device, and does not chip or flake. The size and shape of these dividers lends itself to many possible mounting applications, including panels, masts, or tower legs, providing maximum installation flexibility.

In situations where port-to-port isolation is not required, Telewave power dividers can also be used to feed several receivers from a common antenna, with less than 0.25 dB insertion loss.

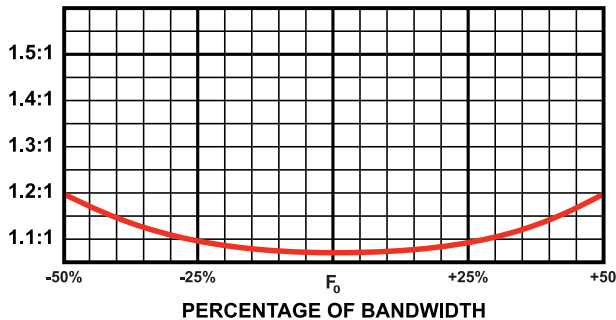
FREQUENCY RANGES	
ANTPDx04	24-54 MHz
ANTPDx06	45-72 MHz
ANTPDx08	65-110 MHz
ANTPDx1	90-210 MHz
ANTPDx2	180-250 MHz
ANTPDx3	250-450 MHz
ANTPDx4	350-600 MHz
ANTPDx7	675-850 MHz
ANTPDx8	760-920 MHz
ANTPDx9	900-1100 MHz
ANTPDx14	1350-1600 MHz
ANTPDx18	1700-2050 MHz
ANTPDx24	2000-2500 MHz

POWER DIVISION (equal output to each port)		
ANTPD2xx	2 - Way	50%
ANTPD3xx	3 - Way	33.3%
ANTPD4xx	4 - Way	25%



ANTPD SERIES

RF POWER DIVIDERS

TYPICAL VSWR RESPONSE

SPECIFICATIONS

Frequency range	24-2500 MHz
Input power (typ)	500 Watts
Impedance	50 ohms
VSWR (max)	1.3:1
Connectors	N Female or 7-16 DIN (opt.)

INSERTION LOSS (total - from input to all output ports)

ANTPDx04, x06, x08, x1	24-110 MHz	0.1 dB
ANTPDx2	180-250 MHz	0.15 dB
ANTPDx3	250-450 MHz	0.18 dB
ANTPDx4, x7, x8	350-920 MHz	0.2 dB
ANTPDx9, x14, x18, x24	900-2500 MHz	0.22 dB

N FEMALE			7-16 DIN		
MODEL	DIMENSIONS	WEIGHT	MODEL	DIMENSIONS	WEIGHT
ANTPDx04	76" L x 1" x 1"	9 lb.	ANTPDx04D	76.25" L x 1" x 1"	11 lb.
ANTPDx06	51" L x 1" x 1"	6 lb.	ANTPDx06D	51.25" L x 1" x 1"	7 lb.
ANTPDx08	38.5" L x 1" x 1"	5.5 lb.	ANTPDx08D	38.75" L x 1" x 1"	6.5 lb.
ANTPDx1	21" L x 1" x 1"	4.5 lb.	ANTPDx1D	21.25" L x 1" x 1"	5.5 lb.
ANTPDx2	15.5" L x 1" x 1"	3.5 lb.	ANTPDx2D	15.75" L x 1" x 1"	4.5 lb.
ANTPDx3	11" L x 1" x 1"	3 lb.	ANTPDx3D	11.25" L x 1" x 1"	4 lb.
ANTPDx4	8.5" L x 1" x 1"	2 lb.	ANTPDx4D	8.75" L x 1" x 1"	3 lb.
ANTPDx7	5.5" L x 1" x 1"	1.5 lb.	ANTPDx7D	5.75" L x 1" x 1"	2.5 lb.
ANTPDx8	5.25" L x 1" x 1"	1.5 lb.	ANTPDx8D	6.0" L x 1" x 1"	2.5 lb.
ANTPDx9	5" L x 1" x 1"	1.5 lb.	ANTPDx9D	5.25" L x 1" x 1"	2.5 lb.
ANTPDx14	3.5" L x 1" x 1"	1 lb.	ANTPDx14D	3.75" L x 1" x 1"	2 lb.
ANTPDx18	3.25" L x 1" x 1"	1 lb.	ANTPDx18D	3.5" L x 1" x 1"	2 lb.
ANTPDx24	3.0" L x 1" x 1"	1 lb.	ANTPDx24D	3.25" L x 1" x 1"	2 lb.