

# PORTFOLIO PTP SUB 6 GHZ



Equipment Characteristic	PTP 700	PTP 650	PTP 650S	PTP 650L	PTP 450i	PTP 450
RF Bands	4.4 – 5.9 GHz	4.9 – 6.05 GHz	4.9 – 6.05 GHz	4.9 – 6.05 GHz	4.9 – 5.9 GHz 902 – 928 MHz	5.4 & 5.8 3.3 – 3.6 GHz
Max. Throughput	225 / 450 Mbps	125 / 450 Mbps	450 Mbps	300 Mbps	250 Mbps 130 Mbps	190 Mbps
TX Power	Up to 27 dBm	Up to 27 dBm	Up to 27 dBm	Up to 27 dBm	Up to 27 dBm	Up to 22 dBm
Channel Bandwidth (MHz)	5/10/15/20/30/40/45	5/10/15/20/30/40/45	5/10/15/20/30/40/45	5/10/15/20/30	5/10/15/20/30/40	5/10/15/20/30
Spectral Efficiency	10 bps/Hz	10 bps/Hz	10 bps/Hz	10 bps/Hz	6.25 bps/Hz	6.25 bps/Hz
Max. LoS Distance	250 km	250 km	2 km	10 km	200 km	64 km
Dynamic Interference Filter	Yes	No	No	No	Yes	No
Security	128/256 – bit AES	128/256 – bit AES	128/256 – bit AES	128/256 – bit AES	56/128 – bit AES	56/128 – bit AES
Antenna	21 dBi + Connectorized	23 dBi or Connectorized	19 dBi	19 dBi	23 dBi or Connectorized	9 dBi, Clip, Reflector or Connectorized
Latency	1 – 3 ms	1 – 3 ms	1 – 3 ms	1 – 3 ms	3 – 5 ms	3 – 5 ms

# PORTFOLIO PMP SUB 6 GHZ



Equipment Characteristic	PMP 450m	PMP 450i	PMP 450	PMP 450d	PMP 450 - 900
RF Bands	5.1 – 5.9 GHz	4.9 – 6.05 GHz	5.4 & 5.8 3.3 – 3.6 GHz	5.4 & 5.8 GHz	902 – 928 MHz
Max. Throughput	400 Mbps	125 / 250 Mbps	125/250 Mbps	125/250 Mbps	62.5/125 Mbps
TX Power	Up to 24 dBm	Up to 27 dBm	Up to 22 dBm	Up to 22 dBm	Up to 25 dBm
Channel Bandwidth (MHz)	10/20/40	5/10/15/20/30/40	5/10/15/20/30/40	5/10/15/20/30/40	5/7/10/20
Spectral Efficiency	40 bps/Hz	6.25 bps/Hz	6.25 bps/Hz	6.25 bps/Hz	6.25 bps/Hz
Dynamic Interference Filter	Yes	Yes	No	No	No
Max. LoS Distance	64 km	64 km	64 km	64 km	190 km
MIMO	14x14 Multi User	2x2 A/B	2x2 A/B	2x2 A/B	2x2 A/B
Antenna	14 dBi Beamforming	17/23 dBi or Connectorized	9 dBi, Clip, Reflector or Connectorized	25 dBi	13 dBi AP / 12 dBi SM
AP - SM	AP	AP - SM	AP - SM	SM	AP - SM
Latency	10 ms	3 – 5 ms	3 – 5 ms	3 – 5 ms	3 – 5 ms



# PORTFOLIO

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Equipment	R 200	R 201	ePMP 1000 HOTSPOT	E 400	E 500
Characteristic					
<b>Standards</b>	802.11n	802.11ac	802.11n	802.11ac	802.11ac
<b>Max. Throughput</b>	150 Mbps	650 Mbps	350 Mbps	1.167 Gbps	1.01 Gbps
<b>TX Power</b>	Up to 24 dBm	Up to 24dBm	Up to 30 dBm	Up to 25 dBm @ 2.4 GHz Up to 25 dBm @ 5 GHz	Up to 29 dBm @ 2.4 GHz Up to 28 dBm @ 5 GHz
<b>Concurrent Clients</b>	64	128	128	256	256
<b>SSID</b>	4	8	8	16	16
<b>Mesh</b>	No	No	Yes	Yes	Yes
<b>Ethernet Ports</b>	4 LAN – 1 WAN	4 LAN – 1 WAN	2 LAN	1 LAN	2 LAN
<b>Captive Portal</b>	No	No	Yes	Yes	Yes
<b>Antenna</b>	5 dBi Omni	5 dBi Omni	5 dBi Omni	5 dBi Omni	5 dBi Omni
<b>ATA - VoIP</b>	Yes, 2 FXS	Yes, 2 FXS	No	No	No
<b>Roaming</b>	No	No	Yes	Yes	Yes

