

# Cambium Networks ePMP Force 180 5GHz Subscriber Module

**Kode** : ePMP-FORCE-180

**Brand** : Cambium

**Jenis** : Discontinued

**Harga** : Rp 1.950.000,00



## ePMP Force 180

The ePMP Force 180 5 GHz subscriber module is the next generation of the ePMP 5 GHz Integrated Radio offering a higher-gain, integrated 16 dBi patch antenna.

Penawaran Harga Spesial

 08112039555

Installation and alignment are easy with the adjustable mounting bracket, and the Force 180 is small, sleek, and equipped with Gigabit Ethernet port to deliver the maximum throughput.

SPECTRUM	
Channel Spacing	Configurable on 5 MHz increments
Frequency range	5 GHz: 4910 – 5970 MHz (exact frequencies as allowed by local regulations)
Channel Width	5   10   20   40 MHz
INTERFACE	
MAC (Media Access Control) Layer	Cambium Proprietary
Physical Layer	2x2 MIMO/OFDM
Ethernet Interface	10/100/1000BaseT, Compatible with Cambium PoE pinouts (V+ = 7 & 8, Return = 4 & 5) and Standard PoE pinouts (V+ = 4 & 5, Return = 7 & 8)
Protocols Used	IPv4/IPv6 (Dual Stack), UDP, TCP, ICMP, SNMPv2c, NTP, STP, IGMP, SSH
Network Management	IPv4/IPv6, HTTPs, SNMPv2c, SSH, Cambium Networks CnMaestro™

VLAN	802.1Q with 802.1p priority
PERFORMANCE	
ARQ	Yes
Nominal Receive Sensitivity (w/FEC) @ 200MHz Channel	MCS0 = -93 dBm to MCS15 = -72 dBm (per branch)
Nominal Receive Sensitivity (w/FEC) @ 40MHz Channel	MCS0 = -90 dBm to MCS15 = -69 dBm (per branch)
Modulation Levels (Adaptive)	MCS0 (BPSK) to MCS15 (64QAM 5/6)
Quality of Service	Three level priority (Voice, High, Low) with packet classification by DSCP, COS, VLAN ID, IP & MAC Address, Broadcast, Multicast and Station Priority
LINK BUDGET	
Transmit Power Range	-17 to +30 dBm (combined, to regional EIRP limit) (1 dB interval)
Integrated Antenna Peak Gain	16 dBi
Maximum Transmit Power	30 dBm combined (subject to regional regulatory restrictions)
PHYSICAL	
Antenna Connection	Integrated Antenna
Surge Suppression	2 Joule Integrated
Environmental	IP55
Temperature	-30°C to +60°C (-22°F to +140°F)
Weight	0.50 kg (1.1 lb.) (includes mounting bracket)
Wind Survival	145 km/hour (90 mi/hour) with antenna
Dimensions (h x w x d)	12.4 x 25.1 x 11.9 cm (4.9 x 9.9 x 4.7 in) - with mounting bracket attached
Pole Diameter Range	1 - 1.6 in (2.5 - 4.1 cm) with included clamp ; up to 2.25 in (5.7 cm) with larger clamp
Power Consumption	10 W Maximum, 5 W Typical
Input Voltage	10 to 30 V
SECURITY	

Encryption

128-bit AES (CCMP mode)

\* Harga, spesifikasi, dan ketersediaan bisa berubah dan tidak mengikat

**URL :** <https://www.citraweb.com/produk/717/>

**Informasi lebih lanjut, pemesanan dan pembelian, hubungi: 0274-554444 atau email [sales@citraweb.com](mailto:sales@citraweb.com)**

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