

Features

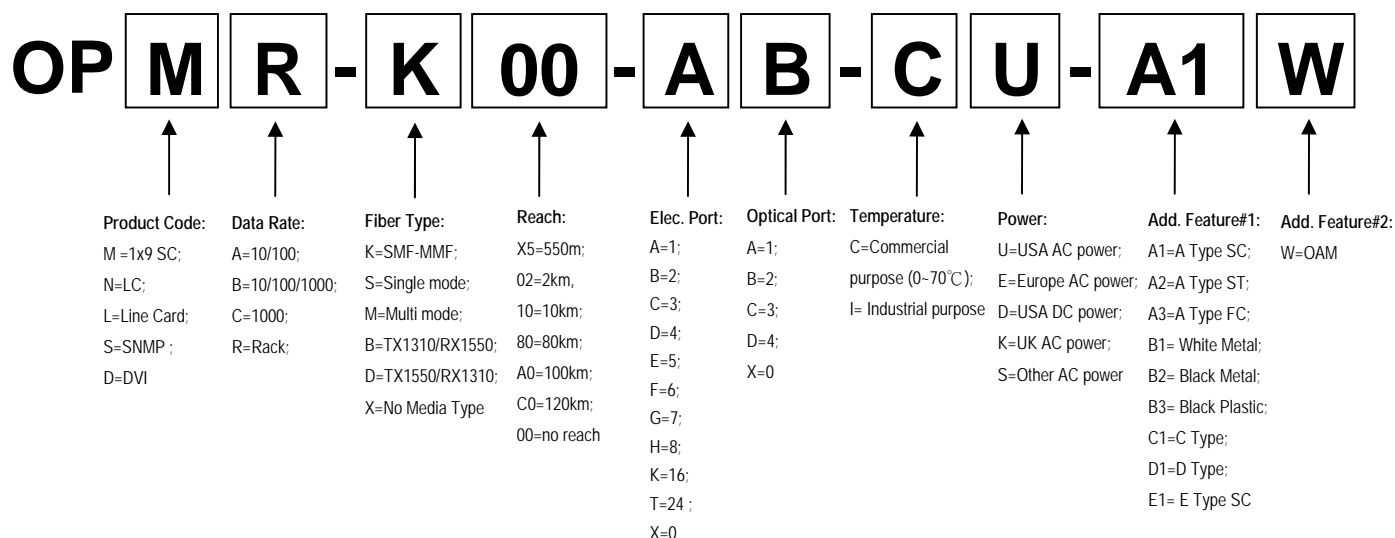
- Fully complies with IEEE802.3 10Base-T , IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-TX, IEEE802.3z 1000Base-FX standard
- One 10/100/1000M Auto-Negotiation RJ45 port, Support Auto MDI/MDIX
- One 1000Base-SX/LX
- Auto-detection of half/full duplex transfer mode for TX port
- Auto-negotiation of 10/100/1000Mbps rate and Auto-MDI/MDIX for TX port
- Extend fiber distance up to 550m for multi-mode fiber and 10~120km for single-mode fiber
- Indication light: PWR, FX Link/act, FX 1000M, TX 10/100M, TX Link/act.
- Easy-to-view LED indicators provides status to easily monitor network activity



Specifications

Optical Interface:	Connector	1x9 (SC)
	Data rate	10/100/1000Mbps
	Fiber	MM 50/125μm, 62.5/125μm
		SM 9/125μm
	Distance:	MM 550m/ 2km
		SM 10/20/50/70km
		WDM 10/20/40km
Wavelength	MM 850,1310nm , SM 1310,1550nm	
	WDM 1310Tx/1550Rx (type A) 1550Tx/1310Rx (type B)	
Electrical Interface:	Connector	RJ45
	Data rate	10Mbps, 100Mbps, 1000Mbps
	Duplex mode	Half / Full duplex
	Cable	Twisted pair Cat 5 UTP
Standard	IEEE 802.3 10BASE-T Ethernet	
	IEEE 802.3u 100BASE-TX/FX Fast Ethernet	
	IEEE802.3z/ab 1000BASE-FX/TX 1000M-Ethernet	
	IEEE802.3x	
Indications	LED at Power, Link/Act, Speed, Duplex/Collision	
Power Input	100 to 240VAC, 50 to 60Hz	
Temperature	0~50°C (Operating) -30 ~ 60°C (Storage)	
Humidity	5 ~ 95% non-condensing	
Power Supply	External Power Adapter (DC 5V/2A)	
Dimensions(D*W*H)	94 x 70.5 x 26.5mm	
Weight	350g	
Compliance	CE, FCC, RoHS	

Ordering Information



Part Number	Description
OPMB-MX5-AA-CU-A1	10/100/1000Base-TX + 1000M FX MMF 550m SC connector
OPMB-M02-AA-CU-A1	10/100/1000Base-TX + 1000M FX MMF 2km SC connector
OPMB-S10-AA-CU-A1	10/100/1000Base-TX + 1000M FX SMF 10km SC connector
OPMB-S20-AA-CU-A1	10/100/1000Base-TX + 1000M FX SMF 20km SC connector
OPMB-S50-AA-CU-A1	10/100/1000Base-TX + 1000M FX SMF 50km SC connector
OPMB-S70-AA-CU-A1	10/100/1000Base-TX + 1000M FX SMF 70km SC connector
OPMB-B10-AA-CU-A1	10/100/1000Base-TX + 1000M FX Single Fiber BWDM Converter(TX1310/RX1550) 10km SC connector
OPMB-D10-AA-CU-A1	10/100/1000Base-TX + 1000M FX Single Fiber BWDM Converter(TX1550/RX1310) 10km SC connector
OPMB-B20-AA-CU-A1	10/100/1000Base-TX + 1000M FX Single Fiber BWDM Converter(TX1310/RX1550) 20km SC connector
OPMB-D20-AA-CU-A1	10/100/1000Base-TX + 1000M FX Single Fiber BWDM Converter(TX1550/RX1310) 20km SC connector
OPMB-B40-AA-CU-A1	10/100/1000Base-TX + 1000M FX Single Fiber BWDM Converter(TX1310/RX1550) 40km SC connector
OPMB-D40-AA-CU-A1	10/100/1000Base-TX + 1000M FX Single Fiber BWDM Converter(TX1550/RX1310) 40km SC connector