

EoC Master M-740024 : 2 Module 4 Output



This master is to turn the optical network terminal signal of backbone network into frequency signal of RF coaxial cable transmission, which can be transmitted with the existing cable television signal in cables and formed a converged network of high-speed data, video, voice to satisfy the needs of bidirectional transformation and triple play for Digital TV broadcasting. Using the existing coaxial cable network access to the backbone optical network by lowest investment, which to be upgraded to a carrier-class operational, management and broadband access networks, and it's the first choice technology of NGB network access layer for broadcasting.

This master which built in PON ONU module, Its uplink to connect with the OLT device via ODN (Optical Network), and downlink to connect with EOC terminal by coaxial distribution network to provide users internet applications with Ethernet-based broadband. It built in two EOC module and support 4 in 4 out. Each EOC module can be accessed to 64 EOC terminal equipment mostly according to the bandwidth needs, and supports 220V and 60V power supply.

Technical Specifications

EoC Technical parameters

Standards	Home plug AV	Receiver sensitivity	30dBuV
Rate	MAC Layer 500M/Physical Layer 350M	The power of RF transition	108dBuV
Bandwidth and impedance	7.5-65MHz/75Ω	Modulation mode	OFDM

ONU Technical parameters

	EPON	GPON
Standards	Support EPON CTC2.1 technical standards	Support GPON ITU G.984 series standards
Transmit power	0 ~ +4dBm	0 ~ +5dBm
Receiver sensitivity	≥-27dBm	≥-28dBm