

Gigabit Ethernet Media Converters

	DMC-700MSC	DMC-805P	DMC-805
Interface			
Number of Ports	<ul style="list-style-type: none"> • 1 x 10/100/1000BASE-T RJ-45 port • 1 x 1000BASE-SX/LX SC port 	<ul style="list-style-type: none"> • 1 x 10/100/1000BASE-T RJ-45 port PoE • 1 x 1000BASE-SX/LX LC port 	<ul style="list-style-type: none"> • 1 x 10/100/1000BASE-T RJ-45 port • 1 x 1000BASE-SX/LX LC port
Standards	<ul style="list-style-type: none"> • IEEE 802.3ab for 1000BASE-TX • IEEE 802.3z for 1000BASE-SX/LX 	<ul style="list-style-type: none"> • IEEE 802.3ab/at/af for 1000BASE-TX • IEEE 802.3z for 1000BASE-SX/LX 	<ul style="list-style-type: none"> • IEEE 802.3ab for 1000BASE-TX • IEEE 802.3z for 1000BASE-SX/LX
Duplex Mode	<ul style="list-style-type: none"> • Full-duplex 	<ul style="list-style-type: none"> • Full-duplex 	<ul style="list-style-type: none"> • Full-duplex
Media Types	<ul style="list-style-type: none"> • 1000BASE-T: 4-pair Cat. 5, Shielded Twisted Pair (STP) (up to 100 m) • 1000BASE-SX: Multi-mode fiber optic cable with SC connector (up to 550 m) 	<ul style="list-style-type: none"> • 1000BASE-T: 4-pair Cat. 5, Shielded Twisted Pair (STP) (up to 100 m) • 1000BASE-LX: Single-mode fiber optic cable with SC connector (up to 2 km) 	<ul style="list-style-type: none"> • 1000BASE-T: 4-pair Cat. 5, Shielded Twisted Pair (STP) (up to 100 m) • 1000BASE-SX/LX: Depends on transceiver
Media Exchange Interface	<ul style="list-style-type: none"> • Auto-MDI/MDIX 	<ul style="list-style-type: none"> • Auto-MDI/MDIX 	<ul style="list-style-type: none"> • Auto-MDI/MDIX
Functionality			
Transmission Mode	<ul style="list-style-type: none"> • Store-and-forward 	<ul style="list-style-type: none"> • Store-and-forward 	<ul style="list-style-type: none"> • Store-and-forward
Forwarding Rate	<ul style="list-style-type: none"> • Full wire-speed forwarding rate 	<ul style="list-style-type: none"> • Full wire-speed forwarding rate 	<ul style="list-style-type: none"> • Full wire-speed forwarding rate
Physical			
AC Input	<ul style="list-style-type: none"> • 5 V/1 A external power adapter 	<ul style="list-style-type: none"> • 47-57 V DC external power adapter 	<ul style="list-style-type: none"> • 5 V/1 A external power adapter
Temperature	<ul style="list-style-type: none"> • Operating: 0 °C to 60 °C • Storage: -20 °C to 70 °C 	<ul style="list-style-type: none"> • Operating: 0 °C to 60 °C • Storage: -20 °C to 70 °C 	<ul style="list-style-type: none"> • Operating: 0 °C to 60 °C • Storage: -20 °C to 70 °C
Humidity	<ul style="list-style-type: none"> • 5% to 90%RH, non-condensing 	<ul style="list-style-type: none"> • 5 % to 90%RH, non-condensing 	<ul style="list-style-type: none"> • 5 % to 90% RH, non-condensing
Dimensions	<ul style="list-style-type: none"> • 95 x 70 x 26 mm 	<ul style="list-style-type: none"> • 95 x 70 x 26 mm 	<ul style="list-style-type: none"> • 95 x 70 x 26 mm
Fiber Wavelength	<ul style="list-style-type: none"> • 850 nm 	<ul style="list-style-type: none"> • 1310 nm 	<ul style="list-style-type: none"> • 1310 nm
Supported Fiber Cable Length	<ul style="list-style-type: none"> • Up to 550 m 	<ul style="list-style-type: none"> • Up to 2 km 	<ul style="list-style-type: none"> • Depends on SFP transceiver
Emission Certifications (EMI)	<ul style="list-style-type: none"> • FCC • CE • VCCI 	<ul style="list-style-type: none"> • FCC • CE • VCCI 	<ul style="list-style-type: none"> • FCC • CE • VCCI