

iConverter FlexSwitch 600XC

4 and 8 Port 10/100 Copper Compact Switch



KEY FEATURES

- 4 and 8 port Layer 2 10/100 compact switch
- Supports 10BASE-T and 100BASE-TX per IEEE 802.3
- Supports 4 or 8 auto-negotiating ports with auto crossover
- DIP-switches available for manual configuration of Port 1 and 2 on each module
- Available in AC or DC power supplies

4 Port Fast Ethernet Fiber Compact Switch



- 4 Port Layer 2 Fast Ethernet compact switch
- Supports 100BASE-FX per IEEE 802.3
- Supports multimode and single-mode fiber applications
- ST and SC fiber connectors

4 Port Compact Switch with 2 Fast Ethernet Fiber Ports and 2 10/100 Copper Ports



- 4 Port Layer 2 Fast Ethernet compact switch with 2 100BASE-FX ports and 2 10/100BASE-T ports
- Supports 10BASE-T, 100BASE-TX and 100BASE-FX per IEEE 802.3
- Supports multimode and single-mode fiber applications
- ST and SC fiber connectors
- RJ-45 ports support auto-negotiation, manual configuration and crossover switch

6 Port Compact Switch with 1 Fast Ethernet and 5 10/100 Copper Ports



- 6 Port Layer 2 Fast Ethernet compact switch with 1 100BASE-FX port and 5 10/100BASE-T ports
- Supports 10BASE-T, 100BASE-TX and 100BASE-FX per IEEE 802.3
- Supports multimode and single-mode fiber applications
- ST and SC fiber connectors
- RJ-45 ports support auto-negotiation and manual configuration

SPECIFICATIONS

Description	4 and 8 Port 10/100 Copper Compact Switch	
Standard Compliances	IEEE 802.3	
Regulatory Compliances	UL, CE, FCC Class A, NEBS Level 3, RoHS2 (6/6), WEEE, REACH	
Frame Size	Up to 1536 bytes	
Port Type	Copper:	10/100BASE-T (RJ-45)
Cable Types	Copper:	EIA/TIA 568A/B, Cat 5 UTP and higher
AC Power Requirements	100 - 240VAC/50 - 60Hz 0.5A @ 120VAC	
DC Power Requirements	+/- 18 to 60VDC, 1.0A @ 48VDC 3 Pin Terminal Connector (isolated)	
Dimensions	W: 6.7" x D: 5.51" x H: 1.87" L: 170.18 mm x B: 139.95 mm x H: 47.5 mm	
Weight	3.0 lbs.; 1.36 kgs	
Temperature	Commercial:	0 to 50°C
	Storage:	-50 to 80°C
Humidity	5 to 95% (non-condensing)	
Altitude	-100m to 4000m	
Warranty	Lifetime warranty with 24/7/365 free Technical Support	

Description	4 Port Fast Ethernet Fiber Compact Switch	
Standard Compliances	IEEE 802.3	
Regulatory Compliances	UL, CE, FCC Class A, NEBS Level 3, RoHS2 (6/6), WEEE, REACH	
Frame Size	Up to 1536 bytes	
Port Type	Fiber:	100BASE-FX (SC, ST)
Cable Types	Fiber:	Multimode: 50/125µm, 62.5/125µm Single-mode: 9/125µm
AC Power Requirements	100 - 240VAC/50 - 60Hz 0.5A @ 120VAC	
Dimensions	W: 6.7" x D: 5.51" x H: 1.87" L: 170.18 mm x B: 139.95 mm x H: 47.5 mm	
Weight	3.0 lbs.; 1.36 kgs	
Temperature	Commercial:	0 to 50°C
	Storage:	-50 to 80°C
Humidity	5 to 95% (non-condensing)	
Altitude	-100m to 4000m	
Warranty	Lifetime warranty with 24/7/365 free Technical Support	

Description	6 Port Compact Switch with 1 Fast Ethernet and 5 10/100 Copper Ports	
Standard Compliances	IEEE 802.3	
Regulatory Compliances	UL, CE, FCC Class A, NEBS Level 3, RoHS2 (6/6), WEEE, REACH	
Frame Size	Up to 1536 bytes	
Port Type	Copper:	10/100BASE-T (RJ-45)
	Fiber:	100BASE-FX (SC, ST)
Cable Types	Copper:	EIA/TIA 568A/B, Cat 5 UTP and higher
	Fiber:	Multimode: 50/125µm, 62.5/125µm Single-mode: 9/125µm
AC Power Requirements	100 - 240VAC/50 - 60Hz 0.5A @ 120VAC	
DC Power Requirements	+/- 18 to 60VDC, 1.0A @ 48VDC 3 Pin Terminal Connector (isolated)	
Dimensions	W: 6.7" x D: 5.51" x H: 1.87" L: 170.18 mm x B: 139.95 mm x H: 47.5 mm	
Weight	3.0 lbs.; 1.36 kgs	
Temperature	Commercial:	0 to 50°C
	Storage:	-50 to 80°C
Humidity	5 to 95% (non-condensing)	
Altitude	-100m to 4000m	
Warranty	Lifetime warranty with 24/7/365 free Technical Support	

Description	4 Port Compact Switch with 2 Fast Ethernet Fiber Ports and 2 10/100 Copper Ports	
Standard Compliances	IEEE 802.3	
Regulatory Compliances	UL, CE, FCC Class A, NEBS Level 3, RoHS2 (6/6), WEEE, REACH	
Frame Size	Up to 1536 bytes	
Port Type	Copper:	10/100BASE-T (RJ-45)
	Fiber:	100BASE-FX (SC, ST)
Cable Types	Copper:	EIA/TIA 568A/B, Cat 5 UTP and higher
	Fiber:	Multimode: 50/125µm, 62.5/125µm Single-mode: 9/125µm
AC Power Requirements	100 - 240VAC/50 - 60Hz 0.5A @ 120VAC	
Dimensions	W: 6.7" x D: 5.51" x H: 1.87" L: 170.18 mm x B: 139.95 mm x H: 47.5 mm	
Weight	3.0 lbs.; 1.36 kgs	
Temperature	Commercial:	0 to 50°C
	Storage:	-50 to 80°C
Humidity	5 to 95% (non-condensing)	
Altitude	-100m to 4000m	
Warranty	Lifetime warranty with 24/7/365 free Technical Support	

ORDERING INFORMATION

4 and 8 Port 10/100 Copper Compact Switch

Old FlexSwitch Model #	New FlexSwitch Model #	Description
6500	6500-FK	FlexSwitch 600XC, 8 Port 10/100BASE-T Copper Compact Switch, Internal AC Power Supply
6700	6700-FK	FlexSwitch 600XC, 8 Port 10/100BASE-T Copper Compact Switch, Internal DC Power Supply
6701	6701-FK	FlexSwitch 600XC, 4 Port 10/100BASE-T Copper Compact Switch, Internal AC Power Supply

4 Port Fast Ethernet Fiber Compact Switch

Old FlexSwitch Model #	New FlexSwitch Model #	Description
6530-0	6530-0-FK	FlexSwitch 600XC, 4 Port 100BASE-FX Fiber Compact Switch, SC, MM, 5km, Internal AC Power Supply
6530-2	6530-2-FK	FlexSwitch 600XC, 4 Port 100BASE-FX Fiber Compact Switch, SC, SM, 30km, Internal AC Power Supply
6530-3	6530-3-FK	FlexSwitch 600XC, 4 Port 100BASE-FX Fiber Compact Switch, SC, SM, 60km, Internal AC Power Supply
6531-0	6531-0-FK	FlexSwitch 600XC, 4 Port 100BASE-FX Fiber Compact Switch, ST, MM, 5km, Internal AC Power Supply
6531-2	6531-2-FK	FlexSwitch 600XC, 4 Port 100BASE-FX Fiber Compact Switch, ST, SM, 30km, Internal AC Power Supply

4 Port Compact Switch with 2 Fast Ethernet Fiber Ports and 2 10/100 Copper Ports

Old FlexSwitch Model #	New FlexSwitch Model #	Description
6540-0	6540-0-FK	FlexSwitch 600XC, 2 Port 100BASE-FX Fiber, 2 Port 10/100BASE-T Copper Switch, SC, MM, 5km, Internal AC Power Supply
6540-2	6540-2-FK	FlexSwitch 600XC, 2 Port 100BASE-FX Fiber, 2 Port 10/100BASE-T Copper Switch, SC, SM, 30km, Internal AC Power Supply
6540-3	6540-3-FK	FlexSwitch 600XC, 2 Port 100BASE-FX Fiber, 2 Port 10/100BASE-T Copper Switch, SC, SM, 60km, Internal AC Power Supply
6541-0	6541-0-FK	FlexSwitch 600XC, 2 Port 100BASE-FX Fiber, 2 Port 10/100BASE-T Copper Switch, ST, MM, 5km, Internal AC Power Supply
6541-2	6541-2-FK	FlexSwitch 600XC, 2 Port 100BASE-FX Fiber, 2 Port 10/100BASE-T Copper Switch, ST, SM, 30km, Internal AC Power Supply

6 Port Compact Switch with 1 Fast Ethernet and 5 10/100 Copper Ports

Old FlexSwitch Model #	New FlexSwitch Model #	Description
6550-0	6550-0-FK	FlexSwitch 600XC, 1 Port 100BASE-FX Fiber, 5 Port 10/100BASE-T Copper Switch, SC, MM, 5km, Internal AC Power Supply
6550-2	6550-2-FK	FlexSwitch 600XC, 1 Port 100BASE-FX Fiber, 5 Port 10/100BASE-T Copper Switch, SC, SM, 30km, Internal AC Power Supply
6550-3	6550-3-FK	FlexSwitch 600XC, 1 Port 100BASE-FX Fiber, 5 Port 10/100BASE-T Copper Switch, SC, SM, 60km, Internal AC Power Supply
6551-0	6551-0-FK	FlexSwitch 600XC, 1 Port 100BASE-FX Fiber, 5 Port 10/100BASE-T Copper Switch, ST, MM, 5km, Internal AC Power Supply
6551-2	6551-2-FK	FlexSwitch 600XC, 1 Port 100BASE-FX Fiber, 5 Port 10/100BASE-T Copper Switch, ST, SM, 30km, Internal AC Power Supply
6750-0	6750-0-FK	FlexSwitch 600XC, 1 Port 100BASE-FX Fiber, 5 Port 10/100BASE-T Copper Switch, SC, MM, 5km, Internal DC Power Supply

Contact Omnitron for RoHS (5/6) compliant models.

Fiber Port Optical Specification

Fiber Type	Distance	Tx Lambda (nm)	Rx Lambda (nm)	Min. Tx Power (dBm)	Max. Tx Power (dBm)	Min. Rx Power (dBm)	Max. Rx Power (dBm)	Min. Attenuation (dB)	Link Budget (dB)
MM/DF	5km	1310	1310	-24	-14	-31	-14	-	7
SM/DF	30km	1310	1310	-15	-8	-31	-8	-	16
SM/DF	60km	1310	1310	-5	0	-31	-3	3	26

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