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Cisco Catalyst Fixed Switches Selection Guide

Quickly identify the recommended Cisco Catalyst Layer 2 and 3 fixed-configuration switch using this easy-to-follow selection guide.



Cisco recommends the Catalyst 3K-X for those customers that require-

- Improved resiliency such as modular uplinks, StackPower,
- hot swap of power supplies and full redundancy
- Future proofing and investment protection such as IOS upgrade, uplink upgrade and full PoE+ support
- Full depth of BN services for video (Medianet), security (TrustSec), and energy management (EnergyWise)

Cisco Catalyst Layer 2 and Layer 3 Fixed-Configuration Product Guide

Catalyst Series: 2960, 3560-V2, 3750-V2, 2960-S, 3560-X, 3750-X

Layer 2 Fast Ethernet	Switches - Catalyst 2960 Series						
Catalyst 2960	# of Access Ports	Uplinks	PoE (15.4W)	PoE Power	PoE+ (30W)	Stackable	Cisco IOS
WS-C2960-48PST-L	48 Ethernet 10/100 PoE ports	2 X 1 GE SFP and 2 X 10/100/1000 ports	24	370W			LAN Base
WS-C2960-24PC-L	24 Ethernet 10/100 PoE ports	2 dual-purpose (10/100/1000 or SFP)	24	370W		Standalone	LAN Base
WS-C2960-24LT-L	24 Ethernet 10/100 (8 PoE ports)	2 x 10/100/1000 ports	8	123W			LAN Base
WS-C2960-24TC-L	24 Ethernet 10/100 ports	2 dual-purpose ports	-	-	NO		LAN Base
WS-C2960-48TC-L	48 Ethernet 10/100 ports	2 dual-purpose (10/100/1000 or SFP)	-	-			LAN Base
WS-C2960-24TT-L	24 Ethernet 10/100 ports	2 x 10/100/1000 ports	-	-			LAN Base
WS-C2960-48TT-L	48 Ethernet 10/100 ports	2 x 10/100/1000 ports	-	-			LAN Base
Model	Description	Uplinks	PoE (15.4W)	PoE Power	PoE+ (30W)	Stackable	Cisco IOS
WS-C2960-24-S	24 Ethernet 10/100	None	-	-			LAN Lite
WS-C2960-48PST-S	48 Ethernet 10/100 PoE ports	2 X 1 GE SFP and 2 X 10/100/1000 ports	24	370W			LAN Lite
WS-C2960-24PC-S	24 Ethernet 10/100 PoE ports	2 dual-purpose ports (10/100/1000 or SFP)	24	370W		Standalone	LAN Lite
WS-C2960-24LC-S	24 Ethernet 10/100 (8 PoE ports)	2 dual-purpose ports (10/100/1000 or SFP)	8	123W	NO		LAN Lite
WS-C2960-24TC-S	24 Ethernet 10/100	2 dual-purpose ports (10/100/1000 or SFP)	-	-			LAN Lite
WS-C2960-48TC-S	48 Ethernet 10/100	2 dual-purpose ports (10/100/1000 or SFP)	-	-			LAN Lite
WS-C2960-48TT-S	48 Ethernet 10/100	2 x 10/100/1000 ports	-	-			LAN Lite
Layer 2 Fast Ethernet	Switches - Catalyst 2960 Compa	ct Switches					
Model	# of Access Ports	Uplinks	PoE (15.4W)	PoE Power	PoE+ (30W)	Stackable	Cisco IOS
WS-C2960-8TC-L	8 Ethernet 10/100 ports; no fan	1 dual-purpose (10/100/1000 or SFP)	-	-			LAN Base
WS-C2960PD-8TT-L	8 Ethernet 10/100 ports; no fan	1 X 10/100/1000 PoE input port	-	-	NO	Standalone	LAN Base
WS-C2960-8TC-S	8 Ethernet 10/100; no fan	1 dual-purpose (10/100/1000 or SFP)	-	-			LAN Lite
Layer 2 Gigabit Ether	net Switches - Catalyst 2960 Com	pact Switches					
WS-C2960G-8TC-L	7 Ethernet 10/100/1000; no fan	1 dual-purpose (10/100/1000 or SFP)	-	-	NO	Standalone	LAN Base

Layer 3 Fast Ethernet	Layer 3 Fast Ethernet Switches - Catalyst 3560-V2 Series									
Catalyst 3560-V2	# of Access Ports	Uplinks	PoE (15.4W)	PoE Power	PoE+ (30W)	Stackable	Cisco IOS			
WS-C3560V2-24PS-E	24 Ethernet 10/100 PoE ports	2 x 1 GE SFP	24	370W			IP Services			
WS-C3560V2-24PS-S	24 Ethernet 10/100 PoE ports	2 x 1 GE SFP	24	370W			IP Base			
WS-C3560V2-24TS-E	24 Ethernet 10/100 ports	2 x 1 GE SFP	-	-			IP Services			
WS-C3560V2-24TS-S	24 Ethernet 10/100 ports	2 x 1 GE SFP	-	-			IP Base			
WS-C3560V2-48PS-E	48 Ethernet 10/100 PoE ports	4 x 1 GE SFP	24	370W	NO	Standalone	IP Services			
WS-C3560V2-48PS-S	48 Ethernet 10/100 PoE ports	4 x 1 GE SFP	24	370W			IP Base			
WS-C3560V2-48TS-E	48 Ethernet 10/100 ports	4 x 1 GE SFP	-	-			IP Services			
WS-C3560V2-48TS-S	48 Ethernet 10/100 ports	4 x 1 GE SFP	-	-			IP Base			
WS-C3560-8PC-S	8 Ethernet 10/100 PoE ports; no fan	1 GE dual purpose	8	123W			IP Base			
WS-C3560-12PS-S	12 Ethernet 10/100 PoE ports; no fan	1 GE dual purpose	8	123W			IP Base			

ayer 3 Fast Ethernet Switches - Catalyst 3750-V2 Series									
Catalyst 3750-V2	# of Access Ports	Uplinks	PoE (15.4W)	PoE Power	PoE+ (30W)	Stackable	Cisco IOS		
WS-C3750V2-24PS-E	24 Ethernet 10/100 PoE ports	2 x 1 GE SFP	24	370W					IP Services
WS-C3750V2-24PS-S	24 Ethernet 10/100 PoE ports	2 x 1 GE SFP	24	370W			IP Base		
WS-C3750V2-24TS-E	24 Ethernet 10/100 ports	2 x 1 GE SFP	-	-		Stackable	IP Services		
WS-C3750V2-24TS-S	24 Ethernet 10/100 ports	2 x 1 GE SFP	-	-	NO	(up to nine	IP Base		
WS-C3750V2-48PS-E	48 Ethernet 10/100 PoE ports	4 x 1 GE SFP	24	370W		switches)	IP Services		
WS-C3750V2-48PS-S	48 Ethernet 10/100 PoE ports	4 x 1 GE SFP	24	370W			IP Base		
WS-C3750V2-48TS-E	48 Ethernet 10/100 ports	4 x 1 GE SFP	-	-			IP Services		
WS-C3750V2-48TS-S	48 Ethernet 10/100 ports	4 x 1 GE SFP	-	-			IP Base		
Cisco StackWise Cab	les (All C3750 Models include CAI	B-STACK-50CM=)							
CAB-STACK-50CM=	StackWise 50CM Cable								
CAB-STACK-1M=	StackWise 1MCable								
CAB-STACK-3M=	StackWise 3M Cable								

Model	Access Ports	Uplinks	PoE (15.4W)	PoE/PoE+ Power	PoE+ (30W)	Stackable	Cisco IOS
WS-C2960S-48FPD-L	48 10/100/1000 PoE+	2x (1G or 10G) Uplinks	48	740W			LAN Base
WS-C2960S-48LPD-L	48 10/100/1000 PoE+	2x (1G or 10G) Uplinks	24	370W	YES	FlexStack	LAN Base
WS-C2960S-24PD-L	24 10/100/1000 PoE+	2x (1G or 10G) Uplinks	24	370W		Optional (up to four	LAN Base
WS-C2960S-48TD-L	48 10/100/1000	2x (1G or 10G) Uplinks	-	-	NO	switches)	LAN Base
WS-C2960S-24TD-L	24 10/100/1000	2x (1G or 10G) Uplinks	-	-		5 Witchies)	LAN Base
Model	Access Ports	Uplinks	PoE (15.4W)	PoE/PoE+ Power	PoE+ (30W)	Stackable	Cisco IOS
WS-C2960S-48FPS-L	48 10/100/1000 PoE+	4x 1G Uplinks	48	740W			LAN Base
NS-C2960S-48LPS-L	48 10/100/1000 PoE+	4x 1G Uplinks	24	370W	YES	FlexStack	LAN Base
NS-C2960S-24PS-L	24 10/100/1000 PoE+	4x 1G Uplinks	24	370W		Optional (up to four	LAN Base
WS-C2960S-48TS-L	48 10/100/1000	4x 1G Uplinks	-	-	NO	switches)	LAN Base
WS-C2960S-24TS-L	24 10/100/1000	4x 1G Uplinks	-	-			LAN Base
Catalyst 2960-S Series	GE Switch 1G Uplinks LAN Lite (No Stacking)	Uplinks	PoE (15.4W)	PoE/PoE+ Power	PoE+ (30W)	Stackable	Cisco IOS
NS-C2960S-48TS-S	48 10/100/1000	2x 1G Uplinks	-	-	NO	Standalone	LAN Lite
WS-C2960S-24TS-S	24 10/100/1000	2x 1G Uplinks	-	-	NO	Standalone	LAN Lite
IexStack Stacking Mod	lule - requires one module per switch (includes	Stacking cable CAB-STK-	E-0.5M=)				
C2960S-STACK	Cisco FlexStack stacking module						
Cisco FlexStack Stackin	g Cables for Catalyst 2960-S Series						
CAB-STK-E-0.5M=	Cisco FlexStack 50cm stacking cable						
CAB-STK-E-1M=	Cisco FlexStack 1m stacking cable						
CAB-STK-E-3M=	Cisco FlexStack 3m stacking cable						

	et Switches - Catalyst 3750-X Series	Default PoE/PoE+ Powe					
Catalyst 3750-X Series	# of Access Ports	Optional Uplinks	PoE (15.4W)	PoE/PoE+ Powe	er PoE+ (30W)	Stackable	Cisco IO
WS-C3750X-24T-L	24 10/100/1000 Ethernet ports, 350W AC		-	-	NO		LAN Base
WS-C3750X-48T-L	48 10/100/1000 Ethernet ports, 350W AC		-	-			LAN Base
WS-C3750X-24P-L	24 10/100/1000 Ethernet PoE+ ports, 715W AC		28	435W			LAN Base
WS-C3750X-48P-L	48 10/100/1000 Ethernet PoE+ ports, 715W AC	Choice of 4 x 1 GE or	28	435W	YES	Stackable	LAN Base
WS-C3750X-48PF-L	48 10/100/1000 Ethernet PoE+ ports, 1100W	2 x 10 GE Links	48	800W		Optional (up to nine	LAN Base
WS-C3750X-24T-S	24 10/100/1000 Ethernet ports, 350W AC	(Ordered Separately)	-	-	- NO		IP Base
WS-C3750X-48T-S	48 10/100/1000 Ethernet ports, 350W AC	(Ordered Deparately)	-	-		switches)	IP Base
WS-C3750X-24P-S	24 10/100/1000 Ethernet PoE+ ports, 715W AC		28	435W			IP Base
WS-C3750X-48P-S	48 10/100/1000 Ethernet PoE+ ports, 715W AC		28	435W	YES		IP Base
WS-C3750X-48PF-S	48 10/100/1000 Ethernet PoE+ ports, 1100W		48	800W			IP Base
Network Modules 3750-)	Series (Order choice of 1 GE or 10 GE Uplink	(s Seperately)					
C3KX-NM-1G=	Catalyst 3K-X 1G Network Module Spare						
C3KX-NM-10G=	Catalyst 3K-X 10G Network Module Spare						
C3KX-NM-BLANK=	Catalyst 3K-X Network Module Blank Spare						
Power Supplies and Fan f	or the Catalyst 3750-X Series						
C3KX-PWR-350WAC=	Catalyst 3K-X 350W AC Power Supply						
C3KX-PWR-715WAC=	Catalyst 3K-X 715W AC Power Supply						
C3KX-PWR-1100WAC=	Catalyst 3K-X 1100W AC Power Supply	NOTE: Please refer to the	Pricing Tool fo	r IOS Upgrade or	tions and mode	als	
C3KX-PWR-440WDC=	Catalyst 3K-X 440W DC Power Supply		Theing Tool le	i ioo opgidde op			
C3KX-PS-BLANK=	Catalyst 3K-X Power Supply Blank Spare						
C3KX-FAN-23CFM=	Catalyst 3K-X Fan Module Spare						
	talyst 3750 Models include CAB-STACK-50C	N/_)					
		lvi=)					
CAB-STACK-50CM= CAB-STACK-1M=	Cisco StackWise 50CM Stacking Cable Cisco StackWise 1M Stacking Cable						
CAB-STACK-11/1=	Cisco StackWise Thi Stacking Cable						
StackPower Cables (Cata	lyst 3750 Models with IP Base include CAB-S	PWR-30CM=)	_		_		_
StackPower Cables (Cata CAB-SPWR-30CM=	Ilyst 3750 Models with IP Base include CAB-S C3750X Stack Power Cable 30 CM Spare	PWR-30CM=)		_	_	_	_
StackPower Cables (Cata CAB-SPWR-30CM=	lyst 3750 Models with IP Base include CAB-S	PWR-30CM=)	_	_	_	_	_
StackPower Cables (Cata CAB-SPWR-30CM= CAB-SPWR-150CM=	Ilyst 3750 Models with IP Base include CAB-S C3750X Stack Power Cable 30 CM Spare C3750X Stack Power Cable 150 CM Spare	PWR-30CM=)					
StackPower Cables (Cata CAB-SPWR-30CM= CAB-SPWR-150CM=	Ilyst 3750 Models with IP Base include CAB-S C3750X Stack Power Cable 30 CM Spare	PWR-30CM=) Default PoE/PoE+ Powe	er - Order 2nd	power supply to	support additic	nal PoE/PoE+	ports
StackPower Cables (Cata CAB-SPWR-30CM= CAB-SPWR-150CM= ayer 2 / 3 Gigabit Etherno	Ilyst 3750 Models with IP Base include CAB-S C3750X Stack Power Cable 30 CM Spare C3750X Stack Power Cable 150 CM Spare			power supply to a		nal PoE/PoE+ Stackable	
StackPower Cables (Cata CAB-SPWR-30CM= CAB-SPWR-150CM= Layer 2 / 3 Gigabit Etherno Catalyst 3560-X Series	Ilyst 3750 Models with IP Base include CAB-S C3750X Stack Power Cable 30 CM Spare C3750X Stack Power Cable 150 CM Spare et Switches - Catalyst 3560-X Series	Default PoE/PoE+ Powe			er PoE+ (30W)		Cisco IO
StackPower Cables (Cata CAB-SPWR-30CM= CAB-SPWR-150CM= ayer 2 / 3 Gigabit Etherno Catalyst 3560-X Series VS-C3560X-24T-L	Ilyst 3750 Models with IP Base include CAB-S C3750X Stack Power Cable 30 CM Spare C3750X Stack Power Cable 150 CM Spare et Switches - Catalyst 3560-X Series # of Access Ports 24 10/100/1000 Ethernet ports, 350W AC 48 10/100/1000 Ethernet ports, 350W AC	Default PoE/PoE+ Powe					Cisco IC LAN Bas
StackPower Cables (Cata CAB-SPWR-30CM= CAB-SPWR-150CM= Layer 2 / 3 Gigabit Etherno Catalyst 3560-X Series WS-C3560X-24T-L WS-C3560X-48T-L	Ilyst 3750 Models with IP Base include CAB-S C3750X Stack Power Cable 30 CM Spare C3750X Stack Power Cable 150 CM Spare et Switches - Catalyst 3560-X Series # of Access Ports 24 10/100/1000 Ethernet ports, 350W AC	Default PoE/PoE+ Powe			er PoE+ (30W)		Cisco IC LAN Bas LAN Bas
StackPower Cables (Cata CAB-SPWR-30CM= CAB-SPWR-150CM= Catalyst 3560-X Series WS-C3560X-24T-L WS-C3560X-48T-L WS-C3560X-24P-L	Ilyst 3750 Models with IP Base include CAB-S C3750X Stack Power Cable 30 CM Spare C3750X Stack Power Cable 150 CM Spare et Switches - Catalyst 3560-X Series # of Access Ports 24 10/100/1000 Ethernet ports, 350W AC 48 10/100/1000 Ethernet ports, 350W AC	Default PoE/PoE+ Powe Optional Uplinks	PoE (15.4W)	PoE/PoE+ Powe	er PoE+ (30W)		Cisco IO LAN Bas LAN Bas LAN Bas
StackPower Cables (Cata CAB-SPWR-30CM= CAB-SPWR-150CM= Layer 2 / 3 Gigabit Etherno Catalyst 3560-X Series WS-C3560X-24T-L WS-C3560X-48T-L WS-C3560X-24P-L WS-C3560X-48P-L	Ilyst 3750 Models with IP Base include CAB-S C3750X Stack Power Cable 30 CM Spare C3750X Stack Power Cable 150 CM Spare et Switches - Catalyst 3560-X Series # of Access Ports 24 10/100/1000 Ethernet ports, 350W AC 48 10/100/1000 Ethernet ports, 350W AC 24 10/100/1000 Ethernet PoE+ports, 715W AC	Default PoE/PoE+ Powe Optional Uplinks Choice of 4 x 1 GE or	PoE (15.4W)	PoE/PoE+ Powe - - 435W	PoE+ (30W)	Stackable	Cisco IO LAN Bas LAN Bas LAN Bas LAN Bas
StackPower Cables (Cata CAB-SPWR-30CM= CAB-SPWR-150CM= Layer 2 / 3 Gigabit Etherno Catalyst 3560-X Series WS-C3560X-24T-L WS-C3560X-48T-L WS-C3560X-24P-L WS-C3560X-48P-L WS-C3560X-48P-L	All States Action 2014 States and the set of	Default PoE/PoE+ Powe Optional Uplinks Choice of 4 x 1 GE or 2 x 10 GE Links	PoE (15.4W) - - 28 28	PoE/PoE+ Powe - - 435W 435W	Pr PoE+ (30W) NO YES		Cisco IO LAN Bas LAN Bas LAN Bas LAN Bas LAN Bas
StackPower Cables (Cata CAB-SPWR-30CM= CAB-SPWR-150CM= Catalyst 3560-X Series WS-C3560X-24T-L WS-C3560X-48T-L WS-C3560X-24P-L WS-C3560X-48P-L WS-C3560X-48P-L WS-C3560X-48P-L	All States of the set	Default PoE/PoE+ Powe Optional Uplinks Choice of 4 x 1 GE or	PoE (15.4W) - - 28 28	PoE/PoE+ Powe - - 435W 435W	PoE+ (30W)	Stackable	Cisco IO LAN Bas LAN Bas LAN Bas LAN Bas LAN Bas IP Base
StackPower Cables (Cata CAB-SPWR-30CM= CAB-SPWR-150CM= Layer 2 / 3 Gigabit Etherno Catalyst 3560-X Series WS-C3560X-24T-L WS-C3560X-44T-L WS-C3560X-24P-L WS-C3560X-48P-L WS-C3560X-48P-L WS-C3560X-24T-S WS-C3560X-24T-S	All States of Access Ports All States Power Cable 30 CM Spare C3750X Stack Power Cable 30 CM Spare C3750X Stack Power Cable 150 CM Spare C3750X Stack Power Cable 150 CM Spare States Catalyst 3560-X Series # of Access Ports 24 10/100/1000 Ethernet ports, 350W AC 24 10/100/1000 Ethernet ports, 350W AC 24 10/100/1000 Ethernet PoE+ ports, 715W AC 48 10/100/1000 Ethernet PoE+ ports, 1100W 24 10/100/1000 Ethernet ports, 350W AC 48 10/100/1000 Ethernet ports, 350W AC 48 10/100/1000 Ethernet ports, 350W AC 24 10/100/1000 Ethernet ports, 350W AC 24 10/100/1000 Ethernet PoE+ ports, 715W AC 24 10/100/1000 Ethernet PoE+ ports, 715W AC	Default PoE/PoE+ Powe Optional Uplinks Choice of 4 x 1 GE or 2 x 10 GE Links	PoE (15.4W) - - 28 28	PoE/PoE+ Powe - - 435W 435W	Pr PoE+ (30W) NO YES	Stackable	Cisco IO LAN Bas LAN Bas LAN Bas LAN Bas IP Base IP Base
StackPower Cables (Cata CAB-SPWR-30CM= CAB-SPWR-150CM= Catalyst 3560-X Series NS-C3560X-24T-L NS-C3560X-24T-L NS-C3560X-48T-L NS-C3560X-48P-L NS-C3560X-48PF-L NS-C3560X-24T-S NS-C3560X-24T-S NS-C3560X-24T-S NS-C3560X-24P-S NS-C3560X-24P-S NS-C3560X-24P-S	In the second se	Default PoE/PoE+ Powe Optional Uplinks Choice of 4 x 1 GE or 2 x 10 GE Links	PoE (15.4W) 28 28 48	PoE/PoE+ Powe - - 435W 435W 800W - -	Pr PoE+ (30W) NO YES	Stackable	Cisco IC LAN Bas LAN Bas LAN Bas LAN Bas LAN Bas IP Base IP Base IP Base
StackPower Cables (Cata CAB-SPWR-30CM= CAB-SPWR-150CM= Catalyst 3560-X Series NS-C3560X-24T-L NS-C3560X-24T-L NS-C3560X-48T-L NS-C3560X-48P-L NS-C3560X-48PF-L NS-C3560X-24T-S NS-C3560X-24T-S NS-C3560X-24T-S NS-C3560X-24P-S NS-C3560X-24P-S NS-C3560X-24P-S	All States of Access Ports All States Power Cable 30 CM Spare C3750X Stack Power Cable 30 CM Spare C3750X Stack Power Cable 150 CM Spare C3750X Stack Power Cable 150 CM Spare States Catalyst 3560-X Series # of Access Ports 24 10/100/1000 Ethernet ports, 350W AC 24 10/100/1000 Ethernet ports, 350W AC 24 10/100/1000 Ethernet PoE+ ports, 715W AC 48 10/100/1000 Ethernet PoE+ ports, 1100W 24 10/100/1000 Ethernet ports, 350W AC 48 10/100/1000 Ethernet ports, 350W AC 48 10/100/1000 Ethernet ports, 350W AC 24 10/100/1000 Ethernet ports, 350W AC 24 10/100/1000 Ethernet PoE+ ports, 715W AC 24 10/100/1000 Ethernet PoE+ ports, 715W AC	Default PoE/PoE+ Powe Optional Uplinks Choice of 4 x 1 GE or 2 x 10 GE Links	PoE (15.4W) - 28 28 48 - - 28	PoE/PoE+ Powe - - 435W 435W 800W - - - 435W	PoE+ (30W) NO YES NO NO	Stackable	Cisco IO LAN Bas LAN Bas LAN Bas LAN Bas IP Base IP Base IP Base IP Base
StackPower Cables (Cata CAB-SPWR-30CM= CAB-SPWR-150CM= CAB-SPWR-150CM= Catalyst 3560-X Series WS-C3560X-24T-L WS-C3560X-24T-L WS-C3560X-24P-L WS-C3560X-24P-L WS-C3560X-24P-L WS-C3560X-24T-S WS-C3560X-24T-S WS-C3560X-24T-S WS-C3560X-24P-S WS-C3560X-24P-S WS-C3560X-24P-S WS-C3560X-24P-S WS-C3560X-24P-S	In the second se	Default PoE/PoE+ Powe Optional Uplinks Choice of 4 x 1 GE or 2 x 10 GE Links (Ordered Separately)	PoE (15.4W) 28 - 48 28 - 28 - 28 - 28 -	PoE/PoE+ Powe - - 435W 435W 800W - - 435W 435W	PoE+ (30W) NO YES NO NO	Stackable	Cisco IO LAN Bas LAN Bas LAN Bas LAN Bas IP Base IP Base IP Base IP Base
StackPower Cables (Cata CAB-SPWR-30CM= CAB-SPWR-150CM= Catalyst 3560-X Series WS-C3560X-24T-L WS-C3560X-24T-L WS-C3560X-24P-L WS-C3560X-24P-L WS-C3560X-24P-L WS-C3560X-24P-L WS-C3560X-24T-S WS-C3560X-24T-S WS-C3560X-24T-S WS-C3560X-24P-S WS-C3560X-24P-S WS-C3560X-24P-S WS-C3560X-24P-S WS-C3560X-24P-S WS-C3560X-24P-S WS-C3560X-24P-S WS-C3560X-24P-S WS-C3560X-24P-S WS-C3560X-24P-S WS-C3560X-24P-S WS-C3560X-24P-S WS-C3560X-24P-S WS-C3560X-24P-S	All States and the set of the set	Default PoE/PoE+ Powe Optional Uplinks Choice of 4 x 1 GE or 2 x 10 GE Links (Ordered Separately)	PoE (15.4W) 28 - 48 28 - 28 - 28 - 28 -	PoE/PoE+ Powe - - 435W 435W 800W - - 435W 435W	PoE+ (30W) NO YES NO NO	Stackable	Cisco IO LAN Bas LAN Bas LAN Bas LAN Bas IP Base IP Base IP Base IP Base
Stack Power Cables (Cata CAB-SPWR-30CM= CAB-SPWR-150CM= Catalyst 3560-X Series NS-C3560X-24T-L WS-C3560X-24T-L WS-C3560X-24T-L WS-C3560X-24P-L WS-C3560X-48P-L WS-C3560X-24P-L WS-C3560X-24P-L WS-C3560X-24P-L WS-C3560X-24P-L WS-C3560X-24P-L WS-C3560X-24P-L WS-C3560X-24P-L WS-C3560X-24P-L WS-C3560X-48P-L WS-C3560X-48P-L WS-C3560X-48P-S WS-C3560X-48P-S <	All States and the set of the set	Default PoE/PoE+ Powe Optional Uplinks Choice of 4 x 1 GE or 2 x 10 GE Links (Ordered Separately)	PoE (15.4W) 28 - 48 28 - 28 - 28 - 28 -	PoE/PoE+ Powe - - 435W 435W 800W - - 435W 435W	PoE+ (30W) NO YES NO NO	Stackable	Ports Cisco IO LAN Bas LAN Bas LAN Bas LAN Bas IP Base IP Base IP Base IP Base
StackPower Cables (Cata CAB-SPWR-30CM= CAB-SPWR-150CM= Catalyst 3560-X Series NS-C3560X-24T-L NS-C3560X-24T-L NS-C3560X-24T-L NS-C3560X-24P-L NS-C3560X-48P-L NS-C3560X-44P-L NS-C3560X-44P-S	All States and the set of the set	Default PoE/PoE+ Powe Optional Uplinks Choice of 4 x 1 GE or 2 x 10 GE Links (Ordered Separately)	PoE (15.4W) 28 - 48 28 - 28 - 28 - 28 -	PoE/PoE+ Powe - - 435W 435W 800W - - 435W 435W	PoE+ (30W) NO YES NO NO	Stackable	Cisco IO LAN Bas LAN Bas LAN Bas LAN Bas IP Base IP Base IP Base IP Base
StackPower Cables (Cata CAB-SPWR-30CM= CAB-SPWR-150CM= Catalyst 3560-X Series NS-C3560X-24T-L NS-C3560X-24T-L NS-C3560X-24P-L NS-C3560X-24T-S NS-C3560X-24T-S NS-C3560X-24P-S NS-C3560X-48P-S	All States and the set of the set	Default PoE/PoE+ Powe Optional Uplinks Choice of 4 x 1 GE or 2 x 10 GE Links (Ordered Separately)	PoE (15.4W) 28 - 48 28 - 28 - 28 - 28 -	PoE/PoE+ Powe - - 435W 435W 800W - - 435W 435W	PoE+ (30W) NO YES NO NO	Stackable	Cisco IO LAN Bas LAN Bas LAN Bas LAN Bas IP Base IP Base IP Base IP Base
StackPower Cables (Cata CAB-SPWR-30CM= CAB-SPWR-150CM= Catalyst 3560-X Series NS-C3560X-24T-L WS-C3560X-24T-L WS-C3560X-24P-L WS-C3560X-48P-L WS-C3560X-44P-L WS-C3560X-24T-S WS-C3560X-44P-L WS-C3560X-24T-S WS-C3560X-24T-S WS-C3560X-24T-S WS-C3560X-24T-S WS-C3560X-24T-S WS-C3560X-24P-S WS-C3560X-24P-S WS-C3560X-24P-S WS-C3560X-48P-S	All States and the set of the set	Default PoE/PoE+ Powe Optional Uplinks Choice of 4 x 1 GE or 2 x 10 GE Links (Ordered Separately)	PoE (15.4W) 28 - 48 28 - 28 - 28 - 28 -	PoE/PoE+ Powe - - 435W 435W 800W - - 435W 435W	PoE+ (30W) NO YES NO NO	Stackable	Cisco IO LAN Bas LAN Bas LAN Bas LAN Bas IP Base IP Base IP Base IP Base
StackPower Cables (Cata CAB-SPWR-30CM= CAB-SPWR-150CM= CAB-SPWR-150CM= Catalyst 3560-X Series NS-C3560X-24T-L NS-C3560X-24T-L NS-C3560X-24P-L NS-C3560X-48P-L NS-C3560X-44P-L NS-C3560X-44P-S	All States and the set of the set	Default PoE/PoE+ Powe Optional Uplinks Choice of 4 x 1 GE or 2 x 10 GE Links (Ordered Separately)	PoE (15.4W) 28 - 48 28 - 28 - 28 - 28 -	PoE/PoE+ Powe - - 435W 435W 800W - - 435W 435W	PoE+ (30W) NO YES NO NO	Stackable	Cisco IO LAN Bas LAN Bas LAN Bas LAN Bas IP Base IP Base IP Base IP Base
StackPower Cables (Cata CAB-SPWR-30CM= CAB-SPWR-150CM= CAB-SPWR-150CM= Layer 2 / 3 Gigabit Etherno Catalyst 3560-X Series NS-C3560X-24T-L WS-C3560X-24T-L WS-C3560X-24P-L WS-C3560X-48P-L WS-C3560X-48P-L WS-C3560X-48PF-L WS-C3560X-24T-S WS-C3560X-24T-S WS-C3560X-48PF-L WS-C3560X-48PF-L WS-C3560X-48PF-L WS-C3560X-48PF-L WS-C3560X-48PF-L WS-C3560X-48PF-S WS-C3560X-48PF-S VS-C3560X-48P-S WS-C3560X-48PF-S NS-C3560X-48PF-S NS-C3560X-48PF-S NS-C3560X-48PF-S NS-C3560X-48PF-S NS-C3560X-48PF-S NS-C3560X-48PF-S NS-C3560X-48PF-S NS-C3560X-48P-S NS-C3560X-48PF-S NS-C3560X-48PF-S NS-C3560X-48PF-S NS-C3560X-48PF-S NS-C3560X-48PF-S NS-C3560X-48PF-S NS-C3560X-48PF-S <t< td=""><td>In the second se</td><td>Default PoE/PoE+ Powe Optional Uplinks Choice of 4 x 1 GE or 2 x 10 GE Links (Ordered Separately)</td><td>PoE (15.4W)</td><td>PoE/PoE+ Powe</td><td>PoE+ (30W) NO YES NO YES</td><td>Standalone</td><td>Cisco IO LAN Bas LAN Bas LAN Bas LAN Bas IP Base IP Base IP Base IP Base</td></t<>	In the second se	Default PoE/PoE+ Powe Optional Uplinks Choice of 4 x 1 GE or 2 x 10 GE Links (Ordered Separately)	PoE (15.4W)	PoE/PoE+ Powe	PoE+ (30W) NO YES NO YES	Standalone	Cisco IO LAN Bas LAN Bas LAN Bas LAN Bas IP Base IP Base IP Base IP Base
StackPower Cables (Cata CAB-SPWR-30CM= CAB-SPWR-150CM= CAB-SPWR-150CM= Catalyst 3560-X Series WS-C3560X-24T-L WS-C3560X-24T-L WS-C3560X-24T-L WS-C3560X-24P-L WS-C3560X-48P-L WS-C3560X-44P-L WS-C3560X-44P-L WS-C3560X-44P-L WS-C3560X-44P-L WS-C3560X-44P-L WS-C3560X-44P-L WS-C3560X-44P-L WS-C3560X-44P-L WS-C3560X-44P-S	In the second se	Default PoE/PoE+ Powe Optional Uplinks Choice of 4 x 1 GE or 2 x 10 GE Links (Ordered Separately)	PoE (15.4W)	PoE/PoE+ Powe	PoE+ (30W) NO YES NO YES	Standalone	Cisco IO LAN Bas LAN Bas LAN Bas LAN Bas LAN Bas IP Base IP Base IP Base IP Base
StackPower Cables (Cata CAB-SPWR-30CM= CAB-SPWR-150CM= CAB-SPWR-150CM= Catalyst 3560-X Series NS-C3560X-24T-L NS-C3560X-24T-L NS-C3560X-24P-L NS-C3560X-48P-L NS-C3560X-48P-L NS-C3560X-48PF-L NS-C3560X-24T-S NS-C3560X-24T-S NS-C3560X-24P-S NS-C3560X-48PF-S NS-C3560X-48P-S	In the second se	Default PoE/PoE+ Powe Optional Uplinks Choice of 4 x 1 GE or 2 x 10 GE Links (Ordered Separately)	PoE (15.4W)	PoE/PoE+ Powe	PoE+ (30W) NO YES NO YES	Standalone	Cisco IO LAN Bas LAN Bas LAN Bas LAN Bas LAN Bas IP Base IP Base IP Base IP Base

	Cisco Catalyst 2960 and 2960-S	Series Only		Catalyst 3X-X Series Only	All Catalyst 3K Series			
Functions	LAN Lite	LAN Base	Functions	LAN Base	IP Base		IP Services	
Layer 2	Entry-level access Layer 2 Basic Layer 2 access features, including 802.10 trunking, (M)STP, STP extensions, Cisco Discovery Protocol, DTP, UDLD, VTPv2, PAGP/	Enterprise Access Layer 2 deployments, including FlexLinks and VTPv3 Wide range of Layer 2 access features for enterprise	Layer 2+	Enterprise access Layer 2 Wide range of Layer 2 access features for enterprise deployments Layer 2 features, including hot standby protocols; supports Cisco StackPower™ technology (Cisco Catalyst 3750-X)		y protocols;		
	LACP, LLDP, storm control and LLDP-MED		No routing support Enterprise access Layer 3		0005/	Complete access Layer		
Laura 0	No routing support	Static routing support	Layer 3	Support for SVI with no IP routing support	RIP, static and PIM stub, EIGRP Stub, routed access	OSPF for	OSPF, EIGRP, BGP, IS-IS VRF-lite, WCCP, and PBR	
Layer 3	Support for Layer 3 management interface	Support for SVIs with up to 16 IPv4 routes	Manageability	Basic manageability	Enterprise access Layer 3		Complete access Layer :	
	Entry-level manageability Express setup. Cisco Device	Basic manageability Support for a wider range of MIBs. IPSLA Responder.	Manageability	Support for a wide range of I IPSLA Responder, and RSP/			EEM and IPSLA Initiator	
lanageability	Manager, RMON, SPAN, TDR, SNMPv3 (with cryptography), Auto Smart Ports, and Smart Install client	and RSPAN	Security	Enterprise access secur DHCP Snooping, IPSG, DAI, F Cisco Identity 4.0, NAC and 8 features	ACLs, Router and VLAN ACLs, private VLANs	d IEEE 802.1AE		
Security	Entry-level access security SSH v2 server, SSL, HTTPS, SCP, TACACS+, RADIUS, port security, 802.1x (with guest VLAN), MAB,	Enterprise access security IPSG, DAI, PACLs, Cisco Identity 4.0, 802.1x features, and RACLs	QoS	Enterprise access QoS Ingress policing, Trust Boun AutoQoS, and DSCP mappi	Complete access QoS dary, Support for all Cisco Catalyst 2000 al	nd Catalyst 3000	-	
	private VLAN edge, NAC, and DHCP snooping			re set includes a	II LAN Base features			
	Entry-level access QoS	Enterprise access QoS	Limited Lifetime W	/arranty # E	nhanced LLW #	Software Up	date Policy	
	Port CoS Trust and Override,	•	Catalyst 3K, 3K-G, 3k	K-E and C2960 C	atalyst 3K-X and C2960-S	X and C2960-S All Catalyst 3K a		
QoS	Ingress and egress queuing, scheduling, Priority Queuing, and SRR	DSCP mapping	 5 years on Power S Lifetime on switch 		release wi		FREE updates to the latest IOS ithin the same IOS service level Base to LAN Base, IP Base	
LAN Base feature set includes a		II LAN Lite features	 10 Business Days / Hardware Replace 	Advanced	Hardware Replacement to IP Base)			
			Hardware Warranty ends five years after		E		o LAN Lite, LAN Base and IP s. No service contract is requir	
			product reaches Er				OS service level requires a	

Software enhancements end 6-12 months
 after product reaches End-of-sale

 Software upgrade to the next IOS service level (e.g.) LAN Base to IP Base, IP Base to IP Services) is a chargeable upgrade at additional cost

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