

ADMINISTRATOR'S DECISION ON GLOBAL SERVICE SUBSTITUTION REQUEST

Date August 16, 2018

Name Dan Leister

E-rate Cisco

Dear Dan Leister,

This is in response to your Global Service Substitution request, per letter/fax dated July 17, 2018.

The following are determined to be an acceptable substitution when used for eligible purposes.

	<u>End of Life</u>	<u>Approved Substituted Product</u>	
<u>SKU</u>	<u>Description of SKU</u>	<u>Replacement SKU</u>	<u>Replacement Description</u>
15454-10GE-XP++=	15454 Ethernet XPonder Line Cards	15454-10GE-XPE=	
15454-10GE-XP=	15454 Ethernet XPonder Line Cards	15454-10GE-XPE=	
15454-10GE-XPE++=	15454 Ethernet XPonder Line Cards	15454-10GE-XPE=	
15454-10GEXPE-LLP3	15454 Ethernet XPonder Line Cards	15454-10GE-XPE=	
15454-10GEXPE-LLP5	15454 Ethernet XPonder Line Cards	15454-10GE-XPE=	
15454-GE-XP=	15454 Ethernet XPonder Line Cards	15454-GE-XPE=	
15454-GE-XPE++=	15454 Ethernet XPonder Line Cards	15454-GE-XPE=	
15454-OPT-AMP-17C=	15454 Optical Amplifier 17dBm and 15454 Ancillary Timing Cable	15454-OPT-EDFA-17=	
15454-OPTAMP17C++=	15454 Optical Amplifier 17dBm and 15454 Ancillary Timing Cable	15454-OPT-EDFA-17=	
15454-10GE-XP=	15454 Ethernet XPonder Line Cards	15454-10GE-XPE=	
ASR-9000V-AC	ASR9000v Version 1	NCS-5001	
ASR-9000V-AC=	ASR9000v Version 1	NCS-5001	
ASR-9000V-DC-A	ASR9000v Version 1	NCS-5001	
ASR-9000V-DC-A=	ASR9000v Version 1	NCS-5001	
ASR-9000V-DC-E=	ASR9000v Version 1	NCS-5001	
4041908	Cisco 1 GHz Flexible Solutions Taps Inverse EQs	SG-FST-INVEQ-03	
4041909	Cisco 1 GHz Flexible Solutions Taps Inverse EQs	SG-FST-INVEQ-06	

4041910	Cisco 1 GHz Flexible Solutions Taps Inverse EQs	SG-FST-INVEQ-09	
4041911	Cisco 1 GHz Flexible Solutions Taps Inverse EQs	SG-FST-INVEQ-12	
C1-CISCO1921/K9	Cisco 1941 and 1921 Integrated Services Routers	ISR4221/K9	
C1-CISCO1941/K9	Cisco 1941 and 1921 Integrated Services Routers	ISR4221/K9	
C1921-4SHDSL-EA/K9	Cisco 1941 and 1921 Integrated Services Routers	ISR4221/K9	
C1921-AX/K9	Cisco 1941 and 1921 Integrated Services Routers	ISR4221-AX/K9	
C1921-HW/K9	Cisco 1941 and 1921 Integrated Services Routers	ISR4221/K9	
C1921-VA/K9	Cisco 1941 and 1921 Integrated Services Routers	ISR4221/K9	
C1921VAM/K9	Cisco 1941 and 1921 Integrated Services Routers	ISR4221/K9	
C1941-AX/K9	Cisco 1941 and 1921 Integrated Services Routers	ISR4221-AX/K9	
C1941-AXI/K9	Cisco 1941 and 1921 Integrated Services Routers	ISR4221/K9	
C1941-HW/K9	Cisco 1941 and 1921 Integrated Services Routers	ISR4221/K9	
CISCO1921-IB/K9	Cisco 1941 and 1921 Integrated Services Routers	ISR4221/K9	
CISCO1921-MS/K9	Cisco 1941 and 1921 Integrated Services Routers	ISR4221/K9	
CISCO1921-SEC/K9	Cisco 1941 and 1921 Integrated Services Routers	ISR4221-SEC/K9	
CISCO1921-SEC/K9++	Cisco 1941 and 1921 Integrated Services Routers	ISR4221-SEC/K9	
CISCO1921-T1SEC/K9	Cisco 1941 and 1921 Integrated Services Routers	ISR4221/K9	
CISCO1921/K9	Cisco 1941 and 1921 Integrated Services Routers	ISR4221/K9	
CISCO1921DC/K9	Cisco 1941 and 1921 Integrated Services Routers	ISR4221/K9	
CISCO1941-2.5G/K9	Cisco 1941 and 1921 Integrated Services Routers	ISR4221/K9	
CISCO1941-HSEC+/K9	Cisco 1941 and 1921 Integrated Services Routers	ISR4221/K9	
CISCO1941-HSEC/K9	Cisco 1941 and 1921 Integrated Services Routers	ISR4221/K9	
CISCO1941-IB/K9	Cisco 1941 and 1921 Integrated Services Routers	ISR4221/K9	
CISCO1941-SEC/K9	Cisco 1941 and 1921 Integrated Services Routers	ISR4221-SEC/K9	
CISCO1941/K9	Cisco 1941 and 1921 Integrated Services Routers	ISR4221/K9	
CISCO1941/K9++	Cisco 1941 and 1921 Integrated Services Routers	ISR4221/K9	

C899G-LTE-JP-K9	Cisco 890G Series 4G LTE 2.0 Integrated Services Routers	C1111-8PLTELA	
C899G-LTE-JP-K9	Cisco 890G Series 4G LTE 2.0 Integrated Services Routers	C899G-LTE-LA-K9	
A9K-LC-FILR	Cisco ASR 9000 Line Card Slot Filler Version 1	A9K-LC-FILR-V2	
C1-X45-SUP7L-E	Cisco Catalyst 4500 Supervisor Engine 7L-E	C1-X45-SUP8L-E	
C1-X45-SUP7L-E/2	Cisco Catalyst 4500 Supervisor Engine 7L-E	C1-X45-SUP8L-E/2	
C4500E-S3-4748RJV	Cisco Catalyst 4500 Supervisor Engine 7L-E	C4500E-3NR-8L-4748	
C4500E-S3-MGIG	Cisco Catalyst 4500 Supervisor Engine 7L-E	C4500E-3NR-8L-MGIG	
C4500E-S3-UPOE	Cisco Catalyst 4500 Supervisor Engine 7L-E	C4500E-3NR-8L-UPOE	
C4500E-S6-4748RJV	Cisco Catalyst 4500 Supervisor Engine 7L-E	C4500E-6NR-8L-4748	
C4500E-S6-MGIG	Cisco Catalyst 4500 Supervisor Engine 7L-E	C4500E-6NR-8L-MGIG	
C4500E-S6-UPOE	Cisco Catalyst 4500 Supervisor Engine 7L-E	C4500E-6NR-8L-UPOE	
C4500E-S7-4748RJV	Cisco Catalyst 4500 Supervisor Engine 7L-E	C4500E-7R-S8L-4748	
C4500E-S7L-SFP-DEF	Cisco Catalyst 4500 Supervisor Engine 7L-E	C4500E-S8L-SFP-DEF	
C4500RE-S7-MGIG	Cisco Catalyst 4500 Supervisor Engine 7L-E	C4500E-7R-S8L-MGIG	
ME-4506E-S7L+96SFP	Cisco Catalyst 4500 Supervisor Engine 7L-E	WS-4506E-S8L+96SFP	
ME-4507E-S7L+96SFP	Cisco Catalyst 4500 Supervisor Engine 7L-E	WS-4507E-S8L+96SFP	
WS-X45-SUP7L-E	Cisco Catalyst 4500 Supervisor Engine 7L-E	WS-X45-SUP8L-E	
WS-X45-SUP7L-E/2	Cisco Catalyst 4500 Supervisor Engine 7L-E	WS-X45-SUP8L-E/2	
WS-X45-SUP7L-E=	Cisco Catalyst 4500 Supervisor Engine 7L-E	WS-X45-SUP8L-E=	
WS-C4503E-S7L+10GB	Cisco Catalyst 4500E Hidden Bundles	WS-C4506E-S8L+10GB	
WS-C4506E-S7L+10GB	Cisco Catalyst 4500E Hidden Bundles	WS-C4506E-S8L+10GB	
MS220-8-HW	Cisco Cloud Managed 8 Port GigE Switch	MS120-8-HW	
MS220-8P-HW	Cisco Cloud Managed 8 Port GigE Switch	MS120-8LP-HW	
DWDM-XFP-30.33=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-31.12=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-31.90=	Cisco DWDM XFP Modules	DWDM-XFP-C=	

DWDM-XFP-32.68=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-34.25=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-35.04=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-35.82=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-36.61=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-38.19=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-38.98=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-39.77=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-40.56=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-42.14=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-42.94=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-43.73=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-44.53=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-46.12=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-46.92=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-47.72=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-48.51=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-50.12=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-50.92=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-51.72=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-52.52=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-54.13=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-54.94=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-55.75=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-56.55=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-58.17=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-58.98=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-59.79=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
DWDM-XFP-60.61=	Cisco DWDM XFP Modules	DWDM-XFP-C=	
B-3400EG12-T	Cisco ME 3400E Series Ethernet Access Switches	N520-4G4Z-A	
B-3400EG12-T	Cisco ME 3400E Series Ethernet Access Switches	N520-X-4G4Z-A	
B-3400EG12-T	Cisco ME 3400E Series Ethernet Access Switches	N520-X-4G4Z-D	
ME-3400E-12CS-BUN	Cisco ME 3400E Series Ethernet Access Switches	N520-4G4Z-A	

ME-3400E-12CS-BUN	Cisco ME 3400E Series Ethernet Access Switches	N520-X-4G4Z-A	
ME-3400E-12CS-BUN	Cisco ME 3400E Series Ethernet Access Switches	N520-X-4G4Z-D	
ME-3400E-24TS-M	Cisco ME 3400E Series Ethernet Access Switches	N520-20G4Z-A	
ME-3400E-24TS-M	Cisco ME 3400E Series Ethernet Access Switches	N520-20G4Z-D	
ME-3400E-24TS-M	Cisco ME 3400E Series Ethernet Access Switches	N520-X-20G4Z-A	
ME-3400E-24TS-M	Cisco ME 3400E Series Ethernet Access Switches	N520-X-20G4Z-D	
ME-3400E-24TS-M=	Cisco ME 3400E Series Ethernet Access Switches	N520-20G4Z-A	
ME-3400E-24TS-M=	Cisco ME 3400E Series Ethernet Access Switches	N520-20G4Z-D	
ME-3400E-24TS-M=	Cisco ME 3400E Series Ethernet Access Switches	N520-X-20G4Z-A	
ME-3400E-24TS-M=	Cisco ME 3400E Series Ethernet Access Switches	N520-X-20G4Z-D	
ME-3400EG-12CS-M	Cisco ME 3400E Series Ethernet Access Switches	N520-4G4Z-A	
ME-3400EG-12CS-M	Cisco ME 3400E Series Ethernet Access Switches	N520-X-4G4Z-A	
ME-3400EG-12CS-M	Cisco ME 3400E Series Ethernet Access Switches	N520-X-4G4Z-D	
ME-3400EG-12CS-M=	Cisco ME 3400E Series Ethernet Access Switches	N520-4G4Z-A	
ME-3400EG-12CS-M=	Cisco ME 3400E Series Ethernet Access Switches	N520-X-4G4Z-A	
ME-3400EG-12CS-M=	Cisco ME 3400E Series Ethernet Access Switches	N520-X-4G4Z-D	
ME-3400EG-2CS-A	Cisco ME 3400E Series Ethernet Access Switches	N520-4G4Z-A	
ME-3400EG-2CS-A	Cisco ME 3400E Series Ethernet Access Switches	N520-X-4G4Z-A	
ME-3400EG-2CS-A	Cisco ME 3400E Series Ethernet Access Switches	N520-X-4G4Z-D	
1030179	Cisco Prisma II Optical Passives (select PIDs only)	1030017	
1030180	Cisco Prisma II Optical Passives (select PIDs only)	1030017	
1030305	Cisco Prisma II Optical Passives (select PIDs only)	4007298	
4006682	Cisco Prisma II Optical Passives (select PIDs only)	1030031	
4012465	Cisco Prisma II Optical Passives (select PIDs only)	OPCAS-MD20-2039-SA	
4021219DEM	Cisco Prisma II Optical Passives (select PIDs only)	4021219	

4036784	Cisco Prisma II Optical Passives (select PIDs only)	OPLGX-MD40-2059-LQ	
4036786	Cisco Prisma II Optical Passives (select PIDs only)	1030038	
RV320-K9-CN	Cisco RV320 and RV325 Dual Gigabit WAN VPN Router (China SKUs)	RV340-K9-CN	
RV325-K9-CN	Cisco RV320 and RV325 Dual Gigabit WAN VPN Router (China SKUs)	RV345-K9-CN	
RV320-WB-K8-RU	Cisco RV320 and RV325 Dual Gigabit WAN VPN Router with Web Filtering	RV340-K8-RU	
RV320-WB-K9-G5	Cisco RV320 and RV325 Dual Gigabit WAN VPN Router with Web Filtering	RV340-K9-G5	
RV320-WB-K9-NA	Cisco RV320 and RV325 Dual Gigabit WAN VPN Router with Web Filtering	RV340-K9-NA	
RV325-WB-K8-RU	Cisco RV320 and RV325 Dual Gigabit WAN VPN Router with Web Filtering	RV345-K8-RU	
RV325-WB-K9-G5	Cisco RV320 and RV325 Dual Gigabit WAN VPN Router with Web Filtering	RV345-K9-G5	
RV325-WB-K9-NA	Cisco RV320 and RV325 Dual Gigabit WAN VPN Router with Web Filtering	RV345-K9-NA	
SF200-24FP-AU	Cisco Small Business 200 Series Smart Switches (Select Models)	SF250-24P-K9-AU	
SF200-24FP-EU	Cisco Small Business 200 Series Smart Switches (Select Models)	SF220-24P-K9-EU	
SF200-24FP-EU	Cisco Small Business 200 Series Smart Switches (Select Models)	SF250-24P-K9-EU	
SF200-24FP-NA	Cisco Small Business 200 Series Smart Switches (Select Models)	SF220-24P-K9-NA	
SF200-24FP-NA	Cisco Small Business 200 Series Smart Switches (Select Models)	SF250-24P-K9-NA	
SF200-24FP-UK	Cisco Small Business 200 Series Smart Switches (Select Models)	SF220-24P-K9-UK	
SF200-24FP-UK	Cisco Small Business 200 Series Smart Switches (Select Models)	SF250-24P-K9-UK	
SG200-26FP-AU	Cisco Small Business 200 Series Smart Switches (Select Models)	SG220-26P-K9-AU	
SG200-26FP-AU	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-26P-K9-AU	
SG200-26FP-BR	Cisco Small Business 200 Series Smart Switches (Select Models)	SG220-26P-K9-BR	
SG200-26FP-CN	Cisco Small Business 200 Series Smart Switches (Select Models)	SG220-28MP-K9-CN	
SG200-26FP-EU	Cisco Small Business 200 Series Smart Switches (Select Models)	SG220-26P-K9-EU	
SG200-26FP-EU	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-26P-K9-EU	
SG200-26FP-NA	Cisco Small Business 200 Series Smart Switches (Select Models)	SG220-26P-K9-NA	

SG200-26FP-NA	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-26P-K9-NA	
SG200-26FP-UK	Cisco Small Business 200 Series Smart Switches (Select Models)	SG220-26P-K9-UK	
SG200-26FP-UK	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-26P-K9-UK	
SG200-50FP-AU	Cisco Small Business 200 Series Smart Switches (Select Models)	SG220-50P-K9-AU	
SG200-50FP-AU	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-50P-K9-AU	
SG200-50FP-BR	Cisco Small Business 200 Series Smart Switches (Select Models)	SG220-50P-K9-BR	
SG200-50FP-EU	Cisco Small Business 200 Series Smart Switches (Select Models)	SG220-50P-K9-EU	
SG200-50FP-EU	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-50P-K9-EU	
SG200-50FP-NA	Cisco Small Business 200 Series Smart Switches (Select Models)	SG220-50P-K9-NA	
SG200-50FP-NA	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-50P-K9-NA	
SG200-50FP-UK	Cisco Small Business 200 Series Smart Switches (Select Models)	SG220-50P-K9-UK	
SG200-50FP-UK	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-50P-K9-UK	
SLM2008PT-AU	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-08HP-K9-AU	
SLM2008PT-EU	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-08HP-K9-EU	
SLM2008PT-NA	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-08HP-K9-NA	
SLM2008PT-UK	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-08HP-K9-UK	
SLM2008T-AU	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-08-K9-AU	
SLM2008T-CN	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-08-K9-CN	
SLM2008T-EU	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-08-K9-EU	
SLM2008T-JP	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-08-K9-JP	
SLM2008T-NA	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-08-K9-NA	
SLM2008T-UK	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-08-K9-UK	
SLM2016T-AU	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-18-K9-AU	
SLM2016T-EU	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-18-K9-EU	
SLM2016T-JP	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-18-K9-JP	

SLM2016T-NA	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-18-K9-NA	
SLM2016T-UK	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-18-K9-UK	
SLM2024PT-AU	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-26HP-K9-AU	
SLM2024PT-BR	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-26HP-K9-BR	
SLM2024PT-EU	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-26HP-K9-EU	
SLM2024PT-NA	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-26HP-K9-NA	
SLM2024PT-UK	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-26HP-K9-UK	
SLM2048PT-AU	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-50HP-K9-AU	
SLM2048PT-EU	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-50HP-K9-EU	
SLM2048PT-NA	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-50HP-K9-NA	
SLM2048PT-UK	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-50HP-K9-UK	
SLM2048T-AU	Cisco Small Business 200 Series Smart Switches (Select Models)	SG220-50-K9-AU	
SLM2048T-AU	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-50-K9-AU	
SLM2048T-CN	Cisco Small Business 200 Series Smart Switches (Select Models)	SG220-52-K9-CN	
SLM2048T-CN	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-50-K9-CN	
SLM2048T-EU	Cisco Small Business 200 Series Smart Switches (Select Models)	SG220-50-K9-EU	
SLM2048T-EU	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-50-K9-EU	
SLM2048T-NA	Cisco Small Business 200 Series Smart Switches (Select Models)	SG220-50-K9-NA	
SLM2048T-NA	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-50-K9-NA	
SLM2048T-UK	Cisco Small Business 200 Series Smart Switches (Select Models)	SG220-50-K9-UK	
SLM2048T-UK	Cisco Small Business 200 Series Smart Switches (Select Models)	SG250-50-K9-UK	
SLM224GT-AR	Cisco Small Business 200 Series Smart Switches (Select Models)	SF250-24-K9-AR	
SLM224GT-EU	Cisco Small Business 200 Series Smart Switches (Select Models)	SF220-24-K9-EU	
SLM224GT-EU	Cisco Small Business 200 Series Smart Switches (Select Models)	SF250-24-K9-EU	
SLM224GT-NA	Cisco Small Business 200 Series Smart Switches (Select Models)	SF220-24-K9-NA	

SLM224GT-NA	Cisco Small Business 200 Series Smart Switches (Select Models)	SF250-24-K9-NA	
SLM224GT-UK	Cisco Small Business 200 Series Smart Switches (Select Models)	SF220-24-K9-UK	
SLM224GT-UK	Cisco Small Business 200 Series Smart Switches (Select Models)	SF250-24-K9-UK	
SLM224PT-AU	Cisco Small Business 200 Series Smart Switches (Select Models)	SF250-24P-K9-AU	
SLM224PT-EU	Cisco Small Business 200 Series Smart Switches (Select Models)	SF220-24P-K9-EU	
SLM224PT-EU	Cisco Small Business 200 Series Smart Switches (Select Models)	SF250-24P-K9-EU	
SLM224PT-NA	Cisco Small Business 200 Series Smart Switches (Select Models)	SF220-24P-K9-NA	
SLM224PT-NA	Cisco Small Business 200 Series Smart Switches (Select Models)	SF250-24P-K9-NA	
SLM224PT-UK	Cisco Small Business 200 Series Smart Switches (Select Models)	SF220-24P-K9-UK	
SLM224PT-UK	Cisco Small Business 200 Series Smart Switches (Select Models)	SF250-24P-K9-UK	
SLM248GT-AR	Cisco Small Business 200 Series Smart Switches (Select Models)	SF250-48-K9-AR	
SLM248GT-EU	Cisco Small Business 200 Series Smart Switches (Select Models)	SF220-48-K9-EU	
SLM248GT-EU	Cisco Small Business 200 Series Smart Switches (Select Models)	SF250-48-K9-EU	
SLM248GT-NA	Cisco Small Business 200 Series Smart Switches (Select Models)	SF220-48-K9-NA	
SLM248GT-NA	Cisco Small Business 200 Series Smart Switches (Select Models)	SF250-48-K9-NA	
SLM248GT-UK	Cisco Small Business 200 Series Smart Switches (Select Models)	SF220-48-K9-UK	
SLM248GT-UK	Cisco Small Business 200 Series Smart Switches (Select Models)	SF250-48-K9-UK	
SF300-24MP-K9-EU	Cisco Small Business 300 Series Managed Switches (Select Models)	SF350-24MP-K9-EU	
SF300-24MP-K9-NA	Cisco Small Business 300 Series Managed Switches (Select Models)	SF350-24MP-K9-NA	
SF300-24MP-K9-UK	Cisco Small Business 300 Series Managed Switches (Select Models)	SF350-24MP-K9-UK	
SF300-24PP-K9-AR	Cisco Small Business 300 Series Managed Switches (Select Models)	SF350-24P-K9-AR	
SF300-24PP-K9-AU	Cisco Small Business 300 Series Managed Switches (Select Models)	SF350-24P-K9-AU	
SF300-24PP-K9-CN	Cisco Small Business 300 Series Managed Switches (Select Models)	SF350-24P-K9-CN	
SF300-24PP-K9-EU	Cisco Small Business 300 Series Managed Switches (Select Models)	SF350-24P-K9-EU	
SF300-24PP-K9-JP	Cisco Small Business 300 Series Managed Switches (Select Models)	SF350-24P-K9-JP	

SF300-24PP-K9-NA	Cisco Small Business 300 Series Managed Switches (Select Models)	SF350-24P-K9-NA	
SF300-24PP-K9-UK	Cisco Small Business 300 Series Managed Switches (Select Models)	SF350-24P-K9-UK	
SF302-08MPP-K9-EU	Cisco Small Business 300 Series Managed Switches (Select Models)	SF352-08MP-K9-EU	
SF302-08MPP-K9-NA	Cisco Small Business 300 Series Managed Switches (Select Models)	SF352-08MP-K9-NA	
SF302-08MPP-K9-UK	Cisco Small Business 300 Series Managed Switches (Select Models)	SF352-08MP-K9-UK	
SF302-08PP-K9-AU	Cisco Small Business 300 Series Managed Switches (Select Models)	SF352-08P-K9-AU	
SF302-08PP-K9-EU	Cisco Small Business 300 Series Managed Switches (Select Models)	SF352-08P-K9-EU	
SF302-08PP-K9-JP	Cisco Small Business 300 Series Managed Switches (Select Models)	SF352-08P-K9-JP	
SF302-08PP-K9-NA	Cisco Small Business 300 Series Managed Switches (Select Models)	SF352-08P-K9-NA	
SF302-08PP-K9-UK	Cisco Small Business 300 Series Managed Switches (Select Models)	SF352-08P-K9-UK	
SG300-10SFP-K9-AU	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-10SFP-K9-AU	
SG300-10SFP-K9-CN	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-10SFP-K9-CN	
SG300-10SFP-K9-EU	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-10SFP-K9-EU	
SG300-10SFP-K9-NA	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-10SFP-K9-NA	
SG300-10SFP-K9-UK	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-10SFP-K9-UK	
SG300-28MP-K9-AR	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-28MP-K9-AR	
SG300-28MP-K9-AU	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-28MP-K9-AU	
SG300-28MP-K9-CN	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-28MP-K9-CN	
SG300-28MP-K9-EU	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-28MP-K9-EU	
SG300-28MP-K9-NA	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-28MP-K9-NA	
SG300-28MP-K9-UK	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-28MP-K9-UK	
SG300-28PP-K9-AU	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-28P-K9-AU	
SG300-28PP-K9-BR	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-28P-K9-BR	
SG300-28PP-K9-CN	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-28P-K9-CN	
SG300-28PP-K9-EU	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-28P-K9-EU	

SG300-28PP-K9-JP	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-28P-K9-JP	
SG300-28PP-K9-NA	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-28P-K9-NA	
SG300-28PP-K9-UK	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-28P-K9-UK	
SG300-28SFP-K9-AU	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-28SFP-K9-AU	
SG300-28SFP-K9-EU	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-28SFP-K9-EU	
SG300-28SFP-K9-NA	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-28SFP-K9-NA	
SG300-28SFP-K9-UK	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-28SFP-K9-UK	
SG300-52MP-K9-AU	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-52MP-K9-AU	
SG300-52MP-K9-EU	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-52MP-K9-EU	
SG300-52MP-K9-NA	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-52MP-K9-NA	
SG300-52MP-K9-UK	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-52MP-K9-UK	
SG300-52P-K9-AU	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-52P-K9-AU	
SG300-52P-K9-CN	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-52P-K9-CN	
SG300-52P-K9-EU	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-52P-K9-EU	
SG300-52P-K9-NA	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-52P-K9-NA	
SG300-52P-K9-UK	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-52P-K9-UK	
SRW2008-K9-AU	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-10-K9-AU	
SRW2008-K9-G5	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-10-K9-EU	
SRW2008-K9-G5	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-10-K9-UK	
SRW2008-K9-IN	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-10-K9-IN	
SRW2008-K9-JP	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-10-K9-JP	
SRW2008-K9-NA	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-10-K9-NA	
SRW2016-K9-AU	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-20-K9-AU	
SRW2016-K9-EU	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-20-K9-EU	
SRW2016-K9-JP	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-20-K9-JP	

SRW2016-K9-NA	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-20-K9-NA	
SRW2016-K9-UK	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-20-K9-UK	
SRW2048-K9-AR	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-52-K9-AR	
SRW2048-K9-AU	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-52-K9-AU	
SRW2048-K9-BR	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-52-K9-BR	
SRW2048-K9-CN	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-52-K9-CN	
SRW2048-K9-EU	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-52-K9-EU	
SRW2048-K9-JP	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-52-K9-JP	
SRW2048-K9-NA	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-52-K9-NA	
SRW2048-K9-UK	Cisco Small Business 300 Series Managed Switches (Select Models)	SG350-52-K9-UK	
SRW208-K9-CN	Cisco Small Business 300 Series Managed Switches (Select Models)	SF350-08-K9-CN	
SRW208-K9-G5	Cisco Small Business 300 Series Managed Switches (Select Models)	SF350-08-K9-UK	
SRW208-K9-NA	Cisco Small Business 300 Series Managed Switches (Select Models)	SF350-08-K9-NA	
SRW208G-K9-CN	Cisco Small Business 300 Series Managed Switches (Select Models)	SF352-08-K9-CN	
SRW208G-K9-G5	Cisco Small Business 300 Series Managed Switches (Select Models)	SF352-08-K9-UK	
SRW208G-K9-NA	Cisco Small Business 300 Series Managed Switches (Select Models)	SF352-08-K9-NA	
SRW224G4-K9-CN	Cisco Small Business 300 Series Managed Switches (Select Models)	SF350-24-K9-CN	
SRW224G4-K9-EU	Cisco Small Business 300 Series Managed Switches (Select Models)	SF350-24-K9-EU	
SRW224G4-K9-JP	Cisco Small Business 300 Series Managed Switches (Select Models)	SF350-24-K9-JP	
SRW224G4-K9-NA	Cisco Small Business 300 Series Managed Switches (Select Models)	SF350-24-K9-NA	
SRW224G4-K9-UK	Cisco Small Business 300 Series Managed Switches (Select Models)	SF350-24-K9-UK	
SRW248G4-K9-AR	Cisco Small Business 300 Series Managed Switches (Select Models)	SF350-48-K9-AR	
SRW248G4-K9-BR	Cisco Small Business 300 Series Managed Switches (Select Models)	SF350-48-K9-BR	
SRW248G4-K9-CN	Cisco Small Business 300 Series Managed Switches (Select Models)	SF350-48-K9-CN	
SRW248G4-K9-EU	Cisco Small Business 300 Series Managed Switches (Select Models)	SF350-48-K9-EU	

SRW248G4-K9-NA	Cisco Small Business 300 Series Managed Switches (Select Models)	SF350-48-K9-NA	
SRW248G4-K9-UK	Cisco Small Business 300 Series Managed Switches (Select Models)	SF350-48-K9-UK	
NCS4009-FC-S	NCS 4009 Agnostic Cross Connect - Single-Chassis	NCS4009-FC2-S	
NCS4009-FC-S=	NCS 4009 Agnostic Cross Connect - Single-Chassis	NCS4009-FC2-S=	
XR-NCS4K-601K9	NCS4000 Software Version 6.0.1 and 6.1.2	XR-NCS4K-6132K9	
XR-NCS4K-601K9=	NCS4000 Software Version 6.0.1 and 6.1.2	XR-NCS4K-6132K9=	
XR-NCS4K-612K9	NCS4000 Software Version 6.0.1 and 6.1.2	XR-NCS4K-6132K9	
XR-NCS4K-612K9=	NCS4000 Software Version 6.0.1 and 6.1.2	XR-NCS4K-6132K9=	
ONS-SC+-10G-30.3=	Pluggable Optics from the ONS portfolio	ONS-SC+-10G-C=	
ONS-SC+-10G-31.1=	Pluggable Optics from the ONS portfolio	ONS-SC+-10G-C=	
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ONS-XC-10G-48.5=	Pluggable Optics from the ONS portfolio	ONS-XC-10G-C=	
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ONS-XC-10G-EP61.4=	Pluggable Optics from the ONS portfolio	ONS-XC-10G-C=	

You may provide applicants with a copy of this letter. Including this letter as attachments to request for payment will speed up the approval process.

Please do not hesitate to contact me if further clarification of this letter is required. I can be reached by phone, e-mail or write me at "SLD – Correspondence Unit, P. O. Box 685, 30 Lanidex Plaza, Parsippany, NJ 07054-0685."

To Appeal This Decision

If you wish to appeal a decision in this letter, your appeal must be received by USAC or postmarked within 60 days of the date of this letter. Failure to meet this requirement will result in automatic dismissal of your appeal. In your letter of appeal:

1. Include the name, address, telephone number, fax number, and (if available) email address for the person who can most readily discuss this appeal with us.
2. State outright that your letter is an appeal. Include the following to identify the letter and the decision you are appealing:
 - appellant name,
 - applicant or service provider name, if different than appellant,
 - applicant BEN and service provider SPIN,
 - application or form number as assigned by the USAC,
 - Funding Request Number(s) (FRNs) you are appealing if provided in the letter,
 - Name of letter and funding year – both are located at the top of the letter, and
 - the exact text or the decision that you are appealing.
3. Please keep your letter to the point, and provide documentation to support your appeal. Be sure to keep a copy of your entire appeal, including any correspondence and documentation.

4. If you are an applicant, please provide a copy of your appeal to the service provider(s) affected by USAC's decision. If you are a service provider, please provide a copy of your appeal to the applicant(s) affected by USAC's decision.
5. Provide an authorized signature on your letter of appeal.

How to Submit Your Appeal

1. To submit your appeal to USAC by email, email your appeal to appeals@sl.universalservice.org. USAC will automatically reply to incoming emails to confirm receipt.
2. To submit your appeal to us by fax, fax your appeal to (973) 599-6542.
3. To submit your appeal to us on paper, send your appeal to:

Letter of Appeal
Schools and Libraries Division - Correspondence Unit
30 Lanidex Plaza West
PO Box 685
Parsippany, NJ 07054-0685

For more information on submitting an appeal to USAC, please see the "Appeals Procedure" posted on our website.

Thank you for cooperation and continued support of the Universal Service Program.

Schools and Libraries Division
Universal Service Administrative Company