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Brochure AOC & DAC Cables



AMERICAN FIBER OPTIC PLUS INC

www.aofplus.com

AOC Active Optical Cable



10G SFP+ OM3
Active Optical Cable



40G QSFP+ OM3
Active Optical Cable



100G QSFP28 OM3
Active Optical Cable



200G QSFP28 OM4
Active Optical Cable



400G OSFP OM4
Active Optical Cable



800G OSFP OM4
Active Optical Cable

Product Description				Data Rate		Max Power Consumption (W)		TX		RX		Distance
SFP+ to SFP+				10Gb/s		1.0 (each SFP+)		850nm VCSEL		PIN		<300m
QSFP+ to QSFP+				40Gb/s		1.5 (each QFP+)		850nm VCSEL		PIN		<300m
QSFP28 to QSFP28				100Gb/s		2.5 (each SFP28)		850nm VCSEL		PIN		<100m
QSFP56 to QSFP56				200Gb/s		5.5 (each side)		850nm VCSEL		PIN		<100m
QSFP-DD to QSFP-DD				400Gb/s		10.5 (each side)		850nm VCSEL		PIN		<100m
OSFP to OSFP				800Gb/s		14 (each side)		850nm VCSEL		PIN		<100m
Compatible Brands	HUAWEI H3C ZTE DELL TP-LINK HIKVISION Cisco Lenovo NOKIA Mikrotik Mellanox											
	ARISTA Brocade 300 FiberHome HPE Intel Juniper											

AOC Active Optical Breakout Cable



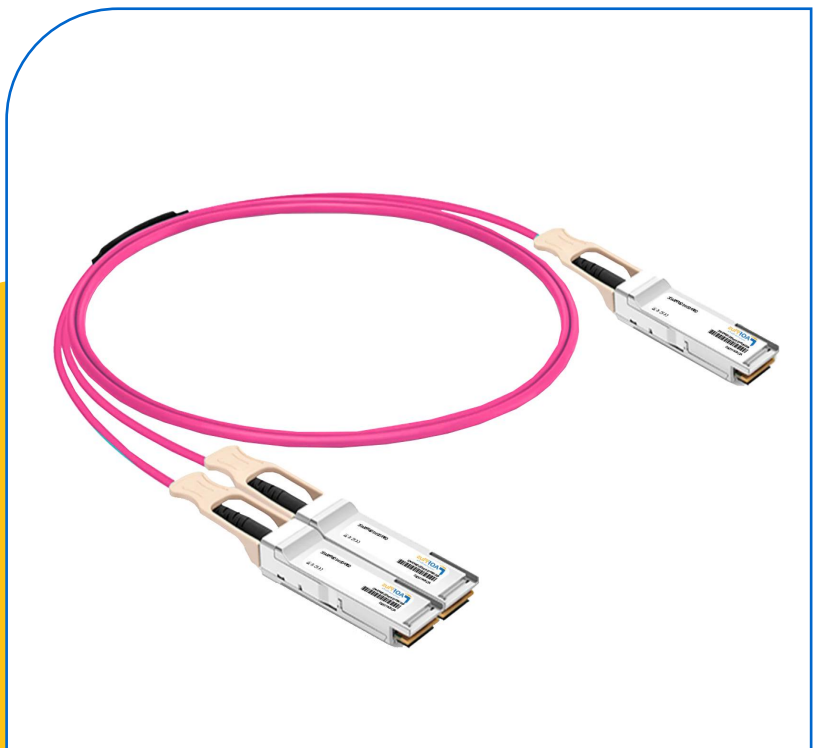
40G QSFP+ to 4x10G SPF
OM3 Active Optical
Breakout Cable



100G QSFP28 to 4x25G
SPF28 OM3 Active Optical
Breakout Cable



200G QSFP56 to 2x100G
QSPF28 OM4 Active
Optical Breakout Cable



400G OSFP to 2x200G
QSFP56 OM4 Active
Optical Breakout Cable



Product Description				Data Rate		Max Power Consumption (W)		TX		RX		Distance
QSFP+ 40G to SFP+ 4x10G DAC				40Gb/s		1.5 (each QSFP+) 1.0 (each SFP+)		850nm VCSEL		PIN		<300m
QSFP28 100G to4x25G SFP28 DAC				100Gb/s		1.5 (each QSFP+) 1.0 (each SFP+)		850nm VCSEL		PIN		<100m
QSFP56 200G to QSFP28 2*100G				200Gb/s		6.0 (200G side) 4.0 (100G side)		850nm VCSEL		PIN		<100m
QSFP-DD 400G to QSFP56 2x200G				400Gb/s		10.5 (400G side) 6.0 (200G side)		850nm VCSEL		PIN		<100m
Compatible Brands	HUAWEI	H3C	ZTE	DELL	TP-LINK	HIKVISION	Cisco	Lenovo	NOKIA	Mikrotik	Mellanox	

DAC Direct Attach Copper Cable



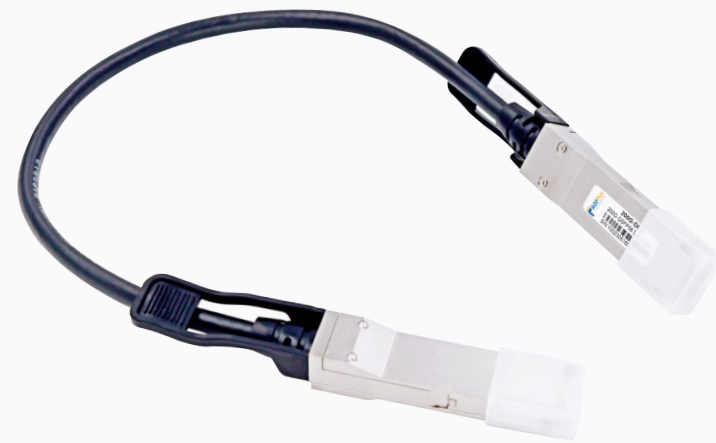
10G SFP+ Passive Direct Attach Copper Cable



40G QSFP Passive Direct Attach Copper Cable



100G QSFP28 Passive Direct Attach Copper Cable



200G QSFP56 Passive Direct Attach Copper Cable



400G QSFP-DD Passive Direct Attach Copper Cable



800G OSFP Passive Direct Attach Copper Cable

Product Description		Data Rate		Sort	Cable Diameter			Distance			
SFP+ to SFP+		10Gb/s		Passive	**AWG24/30 optional			24AWG<10m,30AWG<3m			
QSFP+ to QSFP+		40Gb/s		Passive	**AWG26/30 optional			26AWG<7m,30AWG<3m			
QSFP28 to QSFP28		100Gb/s		Passive	**AWG26/30 optional			26AWG<5m,30AWG<3m			
QSFP56 to QSFP56		200Gb/s		Passive	30AWG			30AWG<3m			
QSFP-DD to QSFP-DD		400Gb/s		Passive	30AWG			30AWG<3m			
OSFP to OSFP		800Gb/s		Passive	30AWG			30AWG<3m			
Compatible Brands	HUAWEI	H3C	ZTE	DELL	TP-LINK	HIKVISION	Cisco	Lenovo	NOKIA	Mikrotik	Mellanox
	ARISTA			Brocade	300	FiberHome	HPE	Intel	Juniper		

DAC Direct Attach Copper Breakout Cable



40G QSFP to 4x10G SPF
Passive Direct Attach
Copper Breakout Cable



100G QSFP28 to 4x25G
SPF28 Direct Attach
Copper Breakout Cable



200G QSFP56 to 2x100G
QSPF56 Passive Direct
Attach Copper Cable



400G QSFP-DD to 2x200G
QSFP56 Passive Direct
Attach Copper Cable



Product Description				Data Rate		Sort	Cable Diameter			Distance		
QSFP+ 40G to SFP+ 4x10G DAC				40Gb/s		Passive	**AWG26/30 optional			26AWG<7m,30AWG<3m		
QSFP28 100G to 4x25G SFP28 DAC				100Gb/s		Passive	**AWG26/30 optional			26AWG<5m,30AWG<3m		
QSFP56 200G to 2x100G QSFP56 DAC				200Gb/s		Passive	**AWG/30 optional			30AWG<3m		
QSFP-DD 400G to 2x200G QSFP56 DAC				400Gb/s		Passive	**AWG/28 optional			28AWG<3m		
Compatible Brands	HUAWEI	H3C	ZTE	DELL	TP-LINK	HIKVISION	Cisco	Lenovo	NOKIA	Mikrotik	Mellanox	
		ARISTA		Brocade	300	FiberHome	HPE	Intel	Juniper			