

40G QSFP+ Active Optical Cable

This product is designed for fiber-communication based on optical-electrical technology. The product is an integrated module containing a micro-optic component and semiconductor material. The module could implement optical-electrical conversion and electrical-optical conversion function. It could be used at key locations in optical networks like 40GBASE Ethernet or IBTA QDR.

Specifications

Module Electrical Characteristics ($T_c=0$ to 70 and $V_{cc}=3.13V$ to 3.47V)

Parameter	Symbol	Value			Units
		Min	Type	Max	
Input Differential Impedance	Z_{IN}	80	100	120	Ohm
Differential Input Swing	V_{IN}	160	-	1200	mV _{pp}
Differential Output Swing	V_O	320	-	800	mV _{pp}
Bit Error Ratio	BER	-	-	10^{-12}	-
Low speed electrical characteristic					
2-Wire Interface Clock Rate	-	-	-	400	k