

QSFP-CX4-50CM-LEG
10GBASE-CU CX4 DAC
0.5M PASSIVE



Parameter Specifications

Cable	
Conductor	28AWG solid silver plated copper, 0.320mm diameter
Insulation	0.3048mm of foam polyolefin, 0.939mm diameter, color-natural
Pair	2 singles laid flat and parallel
Pair Drain Wire	30AWG solid silver plated copper
Pair Shield	Aluminum/Polyester type. Aluminum side facing in, 25% overlap
Inner Shield	Aluminum/Polyester Type. Aluminum side facing out, 25% overlap
Outer Shield	38AWG In plated copper braid, 85% coverage
Diameter	7.87mm nominal
Differential Impedance	100±5 OHMS @TDR
UL Listing	Type CL2 as specified in article 725 of The National Electrical Code
Connector	
Main Body	High temperature LCP resin UL94V-0
Single & Ground Pin	Phosphor Bronze/30u. Gold over nickel
P.C. Board	FR4, 4 layer
Eject Latch	Stainless Steel
Back Shell	Zinc die casting/Nickel plated

Wiring Diagram

P1		P2	
Pin No.	Signal	Pin No.	Signal
G1-G9	Ground	G1-G9	Ground

S1	RX0+	S16	TX0+
S2	RX0-	S15	TX0-
S3	RX1+	S14	TX1+
S4	RX1-	S13	TX1-
S5	RX2+	S12	TX2+
S6	RX2-	S11	TX2-
S7	RX3+	S10	TX3+
S8	RX3-	S9	TX3-
S9	TX3-	S8	RX3-
S10	TX3+	S7	RX3+
S11	TX2-	S6	RX2-
S12	TX2+	S5	RX2+
S13	TX1-	S4	RX1-
S14	TX1+	S3	RX1+
S15	TX0-	S2	RX0-
S16	TX0+	S1	RX0+



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