

3D Printed Connector:		Notes:
Supplier:	Shapeways	
Material:	Smoothest Fine Detail Plastic (Acrylic)	https://www.shapeways.com/materials/fine-detail-plastic
Female Connector:		\$8.26
Male Connector:		\$15.50
Shipping:		\$4.99
Tax (NY):		\$2.52
Total (For 1 Male and 1 Female):		\$31.27
Total (For 10 Male and 10 Female):		\$263.82 - Or \$26.86 per set
Male Connectors:		
Supplier:	Samtec	
Header 8 pin:		\$0.72 MTMM-108-15-T-S-541
Header 2 pin (Quantity of 2):		\$0.36 MTMM-102-15-T-S-541
Socket 8 pin:		\$1.33 ESQT-102-02-F-S-309
Socket 2 pin (Quantity of 2):		\$1.26 ESQT-108-02-F-S-309
Freight		\$1.43
Tax (NY)		\$0.45
Total (For 1 Male):		\$5.55
Total (For 10 Male):		\$41.53 - Or \$3.68 for 1 connector
Female Connectors:		
Supplier:	TE Connectivity / Mouser	
Pin Receptacles (Quantity of 20):		\$2.78 2-1703930-1
Freight		\$7.99
Tax (NY)		\$0.94
Total (For 1 Female):		\$11.71
Total (For 10 Female):		\$32.61 - Or \$3.26 for 1 connector
Wire:		
Supplier:	McMaster	
Black 24 Gauge Space-Saver (10ft):		\$3.00 6450T23
Freight		\$8.64
Tax (NY)		\$1.02
Total (For 1 Male and 1 Female):		\$12.66
Total (For 10 Male and 10 Female):		\$42.02 - Or \$4.20 for 1 connector
Total Pricing (1 set):		\$61.19
Total Pricing (5 set):		\$202.53 - Or \$40.51 for 1 set
Total Pricing (10 set):		\$379.98 - Or \$38 for 1 set