

TEKREX[®]

Case Studies

Cable Overmolding Alternative

Cable breakouts are delicate and often need overmolds to protect them. Unfortunately, due to tooling costs and lead times, overmolding isn't viable for low-volume projects.

A customer specializing in microwave technology faced this exact problem before coming to TekRex.

Challenge

Our Solution

TekRex designed and printed a custom housing for the cable breakouts and sent to our sister company, iRex, for final assembly and delivery.

The entire process from concept to final product took just one week as compared to the average 6-week lead time for traditional manufacturing.



Results



Through TekRex and its in-house resources, these cable assemblies and their overmold alternatives were created at a price and timeframe impossible through traditional manufacturing. Given the customized shape, the build quality is second-to-none with added signal integrity possible through the different overmold solutions available through TekRex.