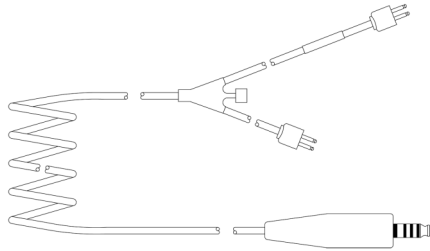


## CABLE ASSEMBLY



### CUSTOM MOLDED CABLE ASSEMBLIES

These cables can be multiple combinations of straight and coiled or retractile cables molded together in Rubber or Polyurethane using our compression molding process. Typical applications include Headset and Helmet main cable assemblies along with branched lower cable or interface assemblies needed for multiple input/output user interfacing.

#### Conductor Core Selections:

##### Wire diameter without jacket:

28-12 AWG

Individual strands down to 50 Awg

##### Conductor jacketing:

Rubber, Polyurethane, Teflon Alloys, Polypropylene. We have many available colors.

##### Conductor types:

Solid, Stranded, and Tinsel

##### Conductor Compositions:

Copper, Tinned Copper, Tinned Cad Copper.

Flex life to 300,000 available

##### Staycords:

Cotton, Nylon, or Aramid Fiber. Break Strengths up to 100 lbs.

##### Fillers:

Typically used for concentricity. A wide variety of fillers are available

##### Shielding:

##### Types:

Braided Metal, Wrapped Metal, and Wrapped or twisted Conductive Aluminum or Mu metal with a polyester backing (**best selection when isolated shielding is required**).

##### Compositions:

Copper, Tinned Copper, Tinned Cad Copper, and Mu Metal.

#### Outer or over-all Jacketing Selections:

Rubber and Polyurethane. User must specify ozone retardant, UV stabilization, or chemical resistance requirements.

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