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CABLE ASSEMBLIES

Introduction

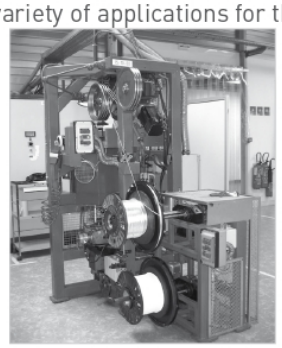
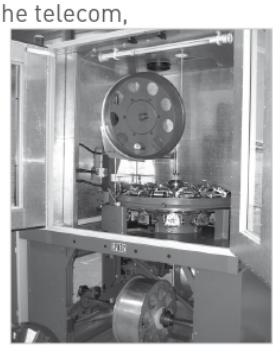
Synergy is globally recognized as a leading manufacturer of coaxial connectors, cable and cable assemblies.

Synergy has top tier manufacturing technology and processes. As a result, we are one of the only manufacturers that have fully mastered foam PTFE wrapping technology. This capability enables us to supply cable assemblies featuring the highest level of performance, stability and repeatability.

In addition, Synergy has high precision stripping and cutting machines, soldering and cleaning equipment.

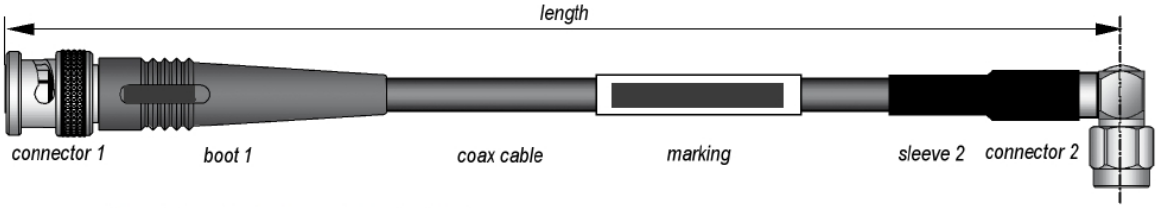
Synergy offers five standard ranges of cable for a wide variety of applications for the telecom,



Requirements for Designing a Custom Cable Assembly

Start with identifying the needed components and the required information for your cable assembly:



- **Coaxial cable** (p/n or description)
- **Connector 1** (p/n or description)
- **Optional boot 1 or heat-shrink sleeve 1** (p/n or description)
- **Connector 2** (p/n or description)
- **Pptional boot or sleeve 2** (p/n or description)
- **Length:** standard = overall length (or please specify if length between reference planes) **+ Length tolerance** (radiall standard = ±2%)
- **Marking:** Synergy standard = Synergy + p/n + batch code (or please specify if different)
- **Connectors orientation** (if needed for right-angle or panel connectors)

For you will also need the following dimensions and information:



- **Stripping A** dimension
- **Stripping B** dimension
- **Stripping C** dimension
- **Tinned inner conductor** (if needed)
- **Tinned braid** (if needed)

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