



# Compression Connector Sizing Chart

Cable Type	Connector Type	Center Conductor	Dielectric Diameter (w/o foil)	Overall Jacket Diameter	IDEAL P/N
<b>Series 6 Cables</b>					
RG-6 or RG-6 Quad	<b>F</b>	Not applicable	.175" - .183"	.260" - .305"	RTQ: 92-650, 92-651
RG-6	<b>F</b>	Not applicable	.175" - .183"	.260" - .280"	OmniConn: 89-044, 89-045
RG-6 or RG-6 Quad	<b>BNC</b>	.029" - .042" 20 - 18 AWG Solid	.175" - .183"	.260" - .305"	89-048, 89-5048
RG-6 or RG-6 Quad	<b>RCA</b>	.029" - .042" 20 - 18 AWG Solid	.175" - .183"	.267" - .305"	89-582, 89-580
RG-6 Plenum	<b>F</b>	Not applicable	.165" - .174"	.220" - .250"	92-660, 92-669
RG-6 Plenum	<b>BNC</b>	.029" - .042" 20 - 18 AWG Solid	.165" - .174"	.220" - .250"	89-050, 89-5050
<b>Series 59 Cables</b>					
RG-59 or RG-59 Quad	<b>F</b>	Not applicable	.142" - .150"	.230" - .270"	RTQ: 92-610, 92-619
RG-59	<b>BNC</b>	.029" - .042" 20 - 18 AWG Solid	.140" - .150"	.220" - .250"	89-047, 89-5047
RG-59	<b>RCA</b>	.029" - .042" 20 - 18 AWG Solid	.142" - .150"	.230" - .270"	89-572, 89-570
RG-59 Plenum	<b>BNC</b>	.029" - .042" 20 - 18 AWG Solid	.130" - .141"	.188" - .230"	89-049, 89-5049
<b>Series 11 Cables</b>					
RG-11	<b>F</b>	.040" - .066" 18 - 14 AWG Solid	.277" - .285"	.390" - .410"	89-211, 89-1211

## Using this chart:

This chart provides a basic guideline for identifying the compatibility of IDEAL Compression Connectors with coaxial cables from any manufacturer. To use: compare the cable manufacturer's data sheet cable dimension specifications to the recommended acceptable ranges above in each of the 3 critical dimension areas:

- Center conductor size - diameter in AWG or inches. Solid conductors only-stranded conductors are not recommended.
- Dielectric size- diameter of the inner foam dielectric without any foil shield.
- Outer cable jacket- overall diameter of the unstripped cable jacket.

Cables that fall within the listed ranges for each category are compatible with that specific IDEAL connector when properly stripped and prepared. Cables outside of the listed ranges may not work, or special cable preparation may be required. For cables that are slightly outside of the listed ranges, or for applications that require a 100% compatibility check, cable samples may be submitted to IDEAL for compatibility testing. Contact your local IDEAL Sales Representative or IDEAL Customer Service for evaluation services.