



Compression Connector Sizing Chart

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

