



## Quickshield® Ground Feature

- Prevents signal ingress and egress by maintaining ground plane even when connector is in a loosened state
- All metal connector build enables highly effective external mounting of continuous grounding member
- Brilliantly simple design makes advanced technology easily affordable
- Triple internal weather sealing creates an air-tight mechanical seal, even when the continuous ground feature is engaged. No external grommets necessary



These RG6 connectors are universal compression connectors, ideally suited for professional and consumer use. The one-piece design of these connectors makes them simple to use and provides a secure 360° compression seal, resulting in maximum RF shielding performance. The all-metal design of the connector body and nut allows for unparalleled electrical and mechanical performance. The detachably coupled advanced polymer compression system is pre-positioned to ensure a consistent fit with the cable. These connectors also feature the following:

- QC II for Series 6 Universal, Standard through Quadshield Cable with Internal Weatherseal and Quickshield® continuous ground feature
- The universal one-piece, all-metal design works with Standard, Trishield, and Quadshield RG6 cables
- Detachable coupled, advanced polymer compression system compresses the connector perfectly each time
- Triple internal weather sealing prevents moisture from entering cable without the use of an external weather grommet
- Standard 5/16" - 1/4" cable preparation using industry-standard preparation tools
- Superior RF performance at CATV and satellite TV frequencies
- Works with our CTF-180, CTF-360, CTF-200, CTF-230, and CT-200 COAX Compression Tools

### SPECIFICATIONS

<b>CONNECTOR TYPE</b>	Q II F-Type Compression Connector (Series 6 Universal Design)
<b>CONNECTOR SIZE</b>	RG6
<b>PLATING MATERIAL</b>	Nickel
<b>LENGTH</b>	1.25" (31.75 mm) Uncompressed   1.11" (28.19 mm) Compressed
<b>WEIGHT (1 PIECE)</b>	0.020 lb (9.0 g)
<b>UPC #</b>	810053350331

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## ELECTRICAL

SPECIFICATIONS	LIMITS
SHIELDING EFFECTIVENESS	> 95 dB (to 300 MHz) > 70 dB (to 1 GHz)
SCREENING ATTENUATION	> 80 dB (5 MHz - 3.0 GHz)
DIELECTRIC STRENGTH	> 1.0 kVAC for 1 minute
INSULATION RESISTANCE	> 5000 Meg- $\Omega$ @ 100 VDC
RETURN LOSS	> 30 dB (5-1000 MHz)

## MECHANICAL

SPECIFICATIONS	LIMITS
CORROSION RESISTANT	1000 hours
CABLE APPLICATION	< 20 lbf Insertion Force
CABLE INTERFACE	> 40 lbf Pull Force
EQUIPMENT INTERFACE	> 10 Matings w/o Damage > 60 in•lbs w/o Damage
TEMPERATURE CYCLING WITH HUMIDITY	70°F to 140° to -40°F Must pass 3.2.3 spec after 7 days > 30 in•lbs after 3 days of 4.1
MOISTURE MIGRATION	No Dye Penetration
SALT FOG	Return Loss > 30 dB @ 1 GHz
ENVIRONMENT POLLUTANTS	Return Loss > 30 dB @ 1 GHz
VIBRATION	Loosening Torque > 32 in•lbs
CHEMICAL RESISTANCE OUTDOOR <sup>1</sup>	7 days Exposure
UV DEGRADATION <sup>1</sup>	7 days Exposure
OZONE DEGRADATION <sup>1</sup>	70 Hour Exposure

**Note** <sup>1</sup>: Connectors will not exhibit cracking, swelling, or brittleness.

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