



(16BCTTRS Compression Tool) - Not Included

Compression F Type Connector
(RG6 Dual, Tri & Quad Shield)
12B6FC

FEATURES:

- Universal compatibility with RG6 Dual, Tri, and Quad Shield coaxial cables
- Tool-based compression design for secure and long-lasting terminations
- Dual O-ring and dual compression ring construction ensures superior moisture protection
- Nickel-plated brass body for excellent corrosion resistance and durability
- Visible compression indicator for correct installation verification
- Compact design (<28mm) fits easily in tight spaces
- Locking mechanism maintains torque retention for reliable, consistent performance
- Complies with IEC 61169-24 2nd Edition for 75-ohm coaxial networks
- Delivers high return loss and low signal loss across full bandwidth
- Ideal for professional installers and high-quality coaxial networks

PACKAGING Single Piece

WARRANTY 1 Year

FOR MORE INFORMATION:

☎ 1300 601 915 ✉ orders@bitek.com.au 🌐 www.bitek.com.au

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GENERAL SPECIFICATIONS

PRODUCT TYPE	Compression F-Type Connector
CONNECTOR TYPE	F-Type Male
CABLE TYPE	RG6 Dual, Tri & Quad Shield Coaxial Cable
TERMINATION TYPE	Compression
MATERIAL	Nickel-Plated Brass
COLOUR	Silver
LENGTH (UNCOMPRESSED)	< 28 mm
TOOL COMPATIBILITY	16BCTTRS Compression Tool
STANDARD COMPLIANCE	IEC 61169-24 (2nd Edition)

ELECTRICAL SPECIFICATIONS

IMPEDANCE	75 Ω (Nominal)
BANDWIDTH	5 MHz – 3000 MHz
RETURN LOSS	5 – 1002 MHz: ≥ 30 dB
	1002 – 2150 MHz: ≥ 25 dB
	2150 – 3000 MHz: ≥ 18 dB
SHIELDING EFFECTIVENESS	Same as unspliced cable ± 3 dB
OPERATING VOLTAGE	90 V (at 60 Hz continuous AC)
SIGNAL INTEGRITY	High, minimal loss

MECHANICAL SPECIFICATIONS

TERMINATION METHOD	Compression with locking mechanism
COMPRESSION DESIGN	Dual 360° metal compression rings
MOISTURE BARRIER	Dual O-rings for superior sealing
TORQUE RETENTION	Yes (locking mechanism)
CONSTRUCTION	One-piece all-metal body
MATERIAL FINISH	Nickel-Plated Brass
VISIBLE COMPRESSION INDICATOR	Yes

ENVIRONMENTAL SPECIFICATIONS

OPERATING TEMPERATURE	-40°F to +140°F (-40°C to +60°C)
CORROSION RESISTANCE	Excellent (Nickel-Plated Brass)
RFI/EMI PROTECTION	Maintains integrity through compression rings
ROHS COMPLIANCE	Yes