

# product specifications

## C-100306

Universal Compression Connector, Series 6 60% through Tri-Shield



GENERAL SPECIFICATIONS	
Bandwidth	5 MHz to 3 GHz
Impedance	75 Ohms (Nominal)
Return Loss	Minimum -25 dB to 3 GHz
Shielding Effectiveness	> -100 dB to 300 MHz, > -90 dB to 3 GHz,
Insertion Loss	≤ .3 dB @ 3 GHz
Operating Voltage	90 V (at 60 Hz continuous AC)
Operating Temperature	-40° F to +140° F, -40° C to +70° C
Cable Range	RG6 Cable 60% through Quad-Shield
Acceptable Maximum Core Diameter (Dielectric + Tape)	0.186 in ± 0.004 in (4.73 mm ± 0.100 mm)
Acceptable Minimum Jacket Diameter	0.267 in ± 0.008 in (6.80 mm ± 0.200 mm)
Acceptable Maximum Jacket Diameter	0.301 in ± 0.008 in (7.65 mm ± 0.200 mm)
Cable Retention	>40 lb. (18.14 kg.), Ambient Temperature
Cable Insertion	<20 lb. maximum insertion force, Ambient Temperature
PHYSICAL CHARACTERISTICS	
Length Before Compression	1.28 inches (32.50 mm)
Mating Mechanism	7/16 Hex 3/8-32 UNEF Threading
Construction Material	Nickel Plated Brass
TOOLING	
Compression tool	Testing with all comercial tools
PART NUMBER	
C-100306	Compression Connector, Series 6 60% through Tri-Shield