ADC BNCs

Description

With Millions in operation, ADC's true 75Ω BNC connectors are the most reliable and universally accepted method of terminating coaxial cable in the market today.

Outstanding electrical performance (up to and beyond 3 GHz) is achieved by unique design elements in the industry's truest 75Ω connector. Precision-moulded insulators with locking gold plated centre conductors ensure true 75Ω characteristic impedance.

Technical Data

Electrical

Impedance	75Ω
Voltage rating	1000VRMS
Insertion loss	< 0.6 dB 1 MHz to 1GHz
Return loss	> 35dB to 1GHz
	30dB to 2GHz
	26dB to GHz
Contact Resistance	0.03W maximum charge
Insulation Resistance	200MOhms minimum charge

Mechanical

Durability	500 cycles minimum
Contact retention	6lbs. Min
Coupling mechanism	100lbs. Min
Cable pulloff Force	Depends on cable size
Cable bend and twist	500 cycles min
Disengage force	Torque 2.5 in/lb max
Interface dimension	MIL-C-39012 except 75W

Argosy Components Ltd (incorporating Argosy-Cable Warehouse)
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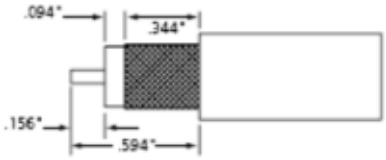
Environmental	
Thermal shock	-40°C to 65°C operating; -55°C to 85°C, non-operating
Moisture Resistance	0% to 95%; MIL-STD-202 Method 106
Corrosion (salt spray)	MIL-STD-202 Method 101, Test Condition B
Flammability	UL 94-VO rated
Vibration	MIL-STD-202 Method 201
Solvent Resistance	MIL-STD-202 Method 215
Finish	
Body	Tarnish-resistance electrolysis nickel plating
Center conductor	50 millionths inch gold plating MIL-G-45204 Type 1, Grade C
Center conductor	Class 1; requires .042" crimp station die

Features

- Designed to exceed the rigorous demands of today's broadcast environments including SMPTE 424M 1080p, 259, 274, and 292M standards
- Outstanding electrical performance beyond 3 GHz
- Gold-plated, locking center conductor True 75 characteristic impedance end-to-end
- 0.625" crimp sleeve for greater pull off force
- Compatible with hex, square, and 12-point crimp tools
- 100 percent guided mating Tarnish-resistant, nickel-plated body and machine bayonet
- Sizes for multiple cable types
- Meets or exceeds MIL-C-39012 requirements
- 100% North American/European precision components
- Strip lengths common between sizes and types except BNC-25



BNC,F, and RCA Plug Strip Length
(All BNC Plug Connectors except BNC-25 and BNC-24)

Product Codes

BA-65-503	BNC-1 For Image 720 and Belden 1505ANH	Recommended Die Set: WD-2[MA-99-045]
BA-65-501	BNC-8 For Image 1000 and Belden 1694ANH	Recommended Die Set: WD-4[MA-99-024]
BA-65-507	BNC-13 For Belden 1855A	Recommended Die Set: WD-2[MA-99-045]
BA-65-513	BNC-25 For Image 2000 and Belden 7731ANH	Recommended Die Set: WD-6[MA-99-061]
BA-65-508	BNC-26 For image 360 and Belden 1855ENH	Recommended Die Set: WD-4[MA-99-024]
BA-65-516	BNC-31 For Belden 179DT	Recommended Die Set: WD-2[MA-99-045]

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