BNCCONNECTORS



Communication systems are becoming more demanding and are requiring high performance, impedance matched cable interconnections. We have offered true 75 ohm performance connectors for some time and now are greatly increasing our line of products. These units are needed to insure proper impedance matching which is required for Broadcast, Post-production, CATV, MATV/SMATV, Audio/Video, Multimedia, Computer, CCTV, Security and Home Entertainment applications.

FY

• For the packaged version of any connector on this page simply add a "P" to the end of the part number.



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Aim#	CableType	Tool	
28-91007	RG-59, 62 Belden 1505A	24-305P	
28-91047	Belden 8281, 9141, 9231	24-318P	
28-91027	RG-6 PVC	24-322P	
28-91037	RG-59, 62 Teflon	24-304P	
28-91187	Belden 8218, 1855A	24-306P	
28-91317	Belden 8215	24-318P	
28-91407	Belden 8224	24-304P	
28-91457	Belden 9248, 1694A	24-322P	
28-91477	Belden 8241, 8263, 8279	24-305P	
28-91487	Belden 8221, 9244	24-304P	
28-91507	Belden 82259, 89259	24-322P	
28-91607	Belden 82108, 89108	24-304P	

The goals of our connector designs are to provide reliable performance in the various environments where signal integrity is required whether the circuitry is analog or digital. The broadcast industry faces many challenges and the correct selection of reliable, quality cabling and interconnect products will determine if the audio, signal or video transmissions will maintain clarity and prevent downtime. As broadcast and the many associated industries prepare to meet the new demands, the selection process becomes much more difficult for the design engineer, systems installers and the contractors. Too often product is selected on appearance and price, rather than proven specifications and performance history. We have been providing connectors, adaptors and accessories for thousands of designs year after year and protected systems from failures.

Our products are designed for the most popular 75 ohm cables and are suitable for rack systems, CCTV systems and equipment signal connectors.

ELECIRICAL CHARACTERISTICS

Impedance	75 Ohm
Working voltage	500 volts, RMS at sea level
Frequency range	0 - 2 GHz with low reflection
Contact resistance	Outer - 0.2 milliohms
	Center - 2.1 milliohms (.000050 gold)
Insulation resistance	5000 megohms minimum
Dielectric withstanding voltage	1500 volts, RMS at sea level
Corona level	375 volts minimum at 70,000 feet

ENVRONMENTAL CHARACTERISTICS

Recommended temperature range	-55°C to +85°C
Vibration	MIL-Std. 202
Shock	MIL-Std. 202, 100 Gs
Maietura racietarea	MII 644 202

MECHANICAL CHARACTER ISTICS

Durability	500 cycles (.000050 gold)
Force to engage/disengage	3 lbs. maximum
Coupling nut retention	60 lbs. minimum
Cable retention	60 lbs with 95 percent braid
	coverage - RG 58 C/U cable

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MATERALO		
Body	Zinc	
Contact	Brass	
Spring Washer	Beryllium copper	
Insulator	Teflon	
Plating	Body - nickel	
	Contact - Gold	

NETWORK SOLUTIONS

BNCCONNECTORS ADAPTORS

ELECTRICAL CHARACTER ISTICS

Impedance	75 Ohm
Working voltage	500 volts, RMS at sea level
Frequency range	0 - 2 GHz with low reflection
Contact resistance	Outer - 0.2 milliohms
	Center - 2.1 milliohms (.000050 gold)
Insulation resistance	5000 megohms minimum
Dielectric withstanding voltage	1500 volts, RMS at sea level
Corona level	375 volts minimum at 70,000 feet

ENVRONMENTAL CHARACTER ISTICS

Recommended temperature range	-55°C to +85°C
Vibration	MIL-9td. 202
Shock	MIL-Std. 202, 100 Gs
Moisture resistance	MIL-Std. 202



Description
RG-59, 62 PVC
RG-6 PVC
RG-59, 62 Teflon



Aim#	Description
28-90237	RG-59, 62 PVC
28-90257	RG-59, 62 Teflon



Aim#	Description
28-90137	RG-59, 62 PVC
28-90037	RG-59, 62 Teflon



Ain # Description 28-74307 Inline splice BNC female to BNC female

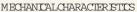


Ain # Description 28-75107 Inline adaptor BNC male to RCA female



Aim # Description
28-84707 Chassis mount
BNC female to BNC female
1/2" diameter D cut hole





Durability	500 cycles (.000050 gold)
Force to engage/disengage	3 lbs. maximum
Coupling nut retention	60 lbs. minimum

MATERIALS

MATERALO		
Body	Zinc	
Contact	Brass	
Spring Washer	Beryllium copper	
Insulator	Teflon	
Plating	Body - nickel	
	Contact - Gold	



Aim#	Description
28 <i>-</i> 90007	RG-59, 62 PVC
28 <i>-</i> 90027	RG-6 PVC
28-90047	RG-59, 62 Teflon



Ain # Description 28-90537 RG-59,62 PVC 28-90337 RG-59,62 Teflon



 Ain #
 Descript in

 28-90567
 RG-59, 62 PVC

 28-90577
 RG-59, 62 Plenum



Aim # Description 28-75007 Inline adaptor BNC male to F female



Ain # Description 28-81417 T adaptor BNC female, female, female



Ain # Description 28-81507 R/A adaptor BNC male to BNC female Right angle adaptor



Ain # Description 28-81407T adaptor BNC female, male, female

COATALONS