

A1694ADHD3

Mini DIN-Connector , 75 Ohm, 1.0/2.3, Straight, Male(Plug), Crimp Type



Description:

Mini DIN-connector, 75 Ohm, 1.0/2.3, Straight Male (Plug), Crimp to suit Belden coaxial cable 1694A.

SUITABLE APPLICATIONS:

Suitable Applications	Suitable for analog and digital applications with a bandwidth requirement of up to 4.5 GHz including data, audio and video. Can be used for HDTV application up to 1080p.
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PHYSICAL CHARACTERISTICS:

Connector Type	Mini DIN 1.0/2.3
Matched Cable	Belden coaxial cable 1694A
Central Contact	Male (Plug)
Configuration	Straight
Center Contact Material and Plating	Phosphor Bronze, gold plated
Outer Contact Material and Plating	Beryllium Copper, gold plated
Body Material and Plating	Brass, nickel plated
Cable Connection Method	Crimp

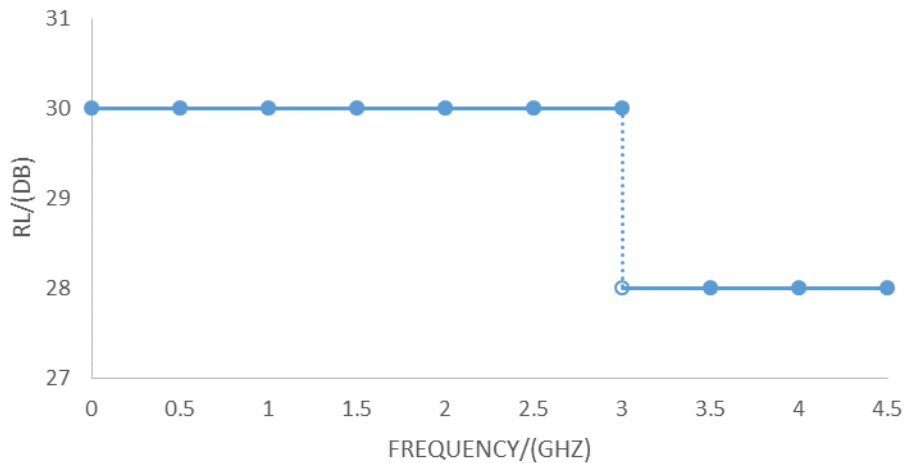
ELECTRICAL CHARACTERISTICS:

Characteristic Impedence	75 Ohm
Frequency Range	DC to 4.5 GHz
Working Voltage	170 V(rms)
Contact Resistance	< 0.005 Ohm for center contact < 0.0025 Ohm for outer contact
Insulation Resistance	≥ 1000 MOhm
Return Loss (As below graph shows)	

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A1694ADHD3 Minumum Return Loss



MECHANICAL CHARACTERISTICS:

Durability	≥ 500 cycles
Cable Retention Force	> 30 lbs

ENVIRONMENTAL CHARACTERISTICS:

Working Temperature Range	- 65°C to + 165°C
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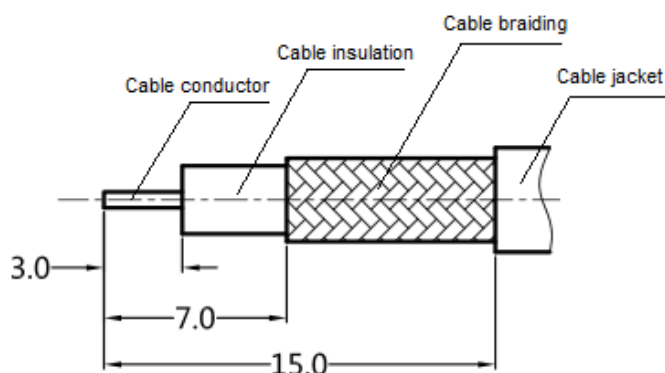
APPLICABLE STANDARDS:

MIL-C-39012 except Impedance
MIL-STD-202
EU RoHS Compliant

NOTES:

- Cutting, Stripping and Crimping tools required to facilitate fast and efficient installation.
- Belden coax cutting, stripping tool and crimping tool applicable to be used, please see the table below for the part no. of matched tool.

RECOMMENDED CABLE STRIPPING DIMENSIONS (Unit: mm)



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ITEMS AND PUT-UPS:

Item	Description	Put ups*	Matched Cutting Tool	Matched Stripping Tool	Matched Crimping Tool
A1694ADHD3S01	MINI DIN 1.0/2.3 CONN 75 OHM S/M CRIMP 1694A	1 pcs	AP105230	AP105222	AP105210 (Unloaded Crimping Tool) AP105212 (Die Set)
A1694ADHD3B25	MINI DIN 1.0/2.3 CONN 75 OHM S/M CRIMP 1694A	25 pcs			
A1694ADHD3B50	MINI DIN 1.0/2.3 CONN 75 OHM S/M CRIMP 1694A	50 pcs			

* Belden have three types packages as single pack, 25 pcs bulk pack and 50 pcs bulk pack for choice.

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