

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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IEEE-488 (GPIB) INTERFACE BUS CABLES

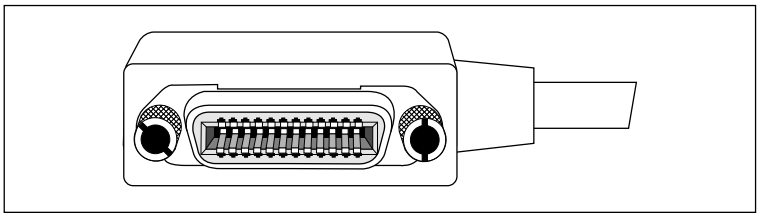
300 VOLT, 80°C

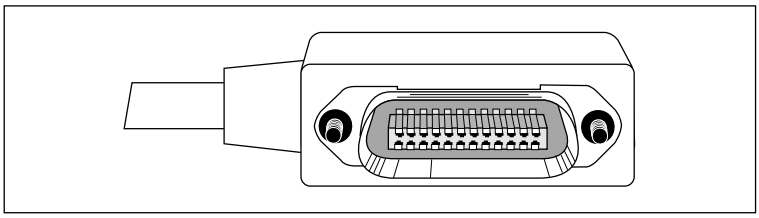
Molded Assembly Lengths

Alpha Part Nos.	Ft.	m
5900/1	3.3	1
5900/2	6.6	2
5900/3	9.9	3
5900/4	13.1	4
5900/8	26.2	8
5900/12	39.4	12
5900/16	52.5	16

Molded Assemblies
Alpha provides molded assemblies using the IEEE standard 488 24-pin connector. Field replacement of damaged cable or changes in system configuration can be effected without costly down-time. A wide range of available lengths makes these assemblies ideal for system development, reconfiguration and maintenance.

Alpha Wire 5900 assemblies are designed to meet the cable constructional and electrical parameters mandated by the IEEE-488 interface standard. Compliance with the guidelines of this standard allows as many as fifteen discrete devices, such as digital test, measurement and recording units, configured to this standard, to communicate with each other with no need for custom designed bus-to-unit networks.





Characteristics

OPERATING TEMPERATURE:
- –20°C to 80°C

VOLTAGE RATING:
- 300 Volt

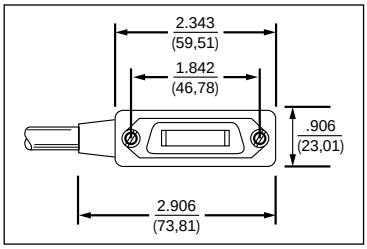
COLOR DESCRIPTION:
- Refer to Color Description Chart Below

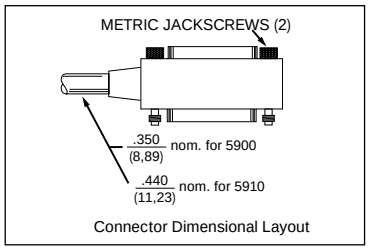
PRODUCT DESCRIPTION:
- D.C. Resistance:
  #24 AWG – 23.9 ohms/kft (78,4 ohms/km)
  #26 AWG – 38.4 ohms/kft (126,0 ohms/km)
- Capacitance: Conductor to Conductor, Nominal:
  Single Conductors – 35 pF/ft (114,8 pF/m)
  Pairs – 38 pF/ft (124,7 pF/m)
- Characteristic Impedance, Nominal:
  Single Conductors – 70 ohms
  Pairs – 75 ohms
- 6 Twisted Pairs Conductors #26 AWG (7/34) Tinned Copper + 0.010" Semi-Rigid PVC Insulation
- 10 Single Conductors #26 AWG (7/34) Tinned Copper + 0.010" Semi-Rigid PVC Insulation
- 1 Single Conductor #24 AWG (7/32) Tinned Copper + 0.010" Semi-Rigid PVC Insulation
- Drain Wire: #24 AWG (7/32) Tinned Copper
- Shield: Braided Tinned Copper (90% Coverage)
- Jacket: Gray PVC 0.035" (0,89mm) Nominal Wall Thickness
- Nominal O.D.: 0.350" (8,89mm)

Availability

- 1 piece package

CONNECTOR DIMENSIONAL LAYOUT





Connector Dimensional Layout

COLOR DESCRIPTION CHART

Twisted Pairs
1. Blue paired with white/gray
2. Violet paired with white/black/brown
3. Gray paired with white/black/red
4. White paired with white/black/orange
5. White/black paired with white/black/yellow
6. White/brown paired with white/black/green

#26 AWG (0,14mm²) Singles
1. Brown
2. Red
3. Orange
4. Yellow
5. Green
6. White/orange
7. White/yellow
8. White/green
9. White/blue
10. White/violet

#24 AWG (0,23mm²) Single
1. White/blue/black

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

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We buy equipment

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