



### **CAT6A RJ45 Jacks**

- Exceeds ANSI/TIA/EIA 568-C.2 requirements
- Exceeds ISO/IEC 2<sup>nd</sup> Edition 11801 Class EA
- CENELEC EN 50173-1, CENELEC EN 50288-10-1
- IEC 3<sup>rd</sup> Edition 61935-1, IEC 2<sup>nd</sup> Edition 61156-5
- Terminates 4-pair 22 to 24 AWG solid UTP
- RoHS Compliant
- Variety of attractive colors
- High-impact ABS 94V-O Plastic Housing

#### **Technical Specifications:**

This product's family has been enhanced to support higher bandwidth than requested by CAT6A products. When properly installed and tested this product can be subject of the NEWMAX 25-year period warranty against manufacturing defects. This model becomes more resilient to common misuses with RJ11 plugs, nationwide found to be one of the major factors in RJ45 jacks permanent damage. Contacts are gold plated for minimal insertion loss and long life.

#### **Features:**

- Conductor resistance  $\leq 10\text{m}\Omega$
- Referential operating temperature range -40°C a 125°C
- IR Reflow peaked at 260°C for 5 to 8 seconds
- Exceeds TIA 568-C.2 performance specifications
- Superior performance tested up to 650 MHz
- High NEXT and low Insertion Loss for Extra ACR
- Resilience to RJ11 misuse
- Ultra thick gold plating ensures perfect matching 50microns
- Fire retardant ABS UL94V-O housing
- Easy termination
- Uses standard 110 punching tool

- Termination dust cap protector
- Fits our angled and flush faceplates and surface boxes
- Provides both T568A/B color termination schemes
- Subject to NEWMAX 25-year Limited Warranty

#### Test Data

##### PS ANEXT

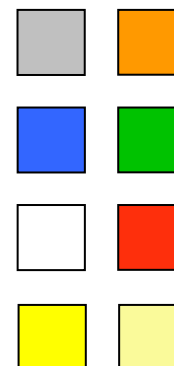
| Pair | Frequency (Mhz) | Value (dB) | Limit (dB) | Margin (dB) | Status |
|------|-----------------|------------|------------|-------------|--------|
| 1-2  | 499.0           | 62.34      | 49.53      | 12.81       | Pass   |
| 3-6  | 498.0           | 56.98      | 49.79      | 7.19        | Pass   |
| 4-5  | 499.0           | 65.37      | 49.84      | 15.53       | Pass   |
| 7-8  | 497.0           | 64.45      | 52.09      | 12.36       | Pass   |

##### PS AACR-F

| Pair | Frequency (Mhz) | Value (dB) | Limit (dB) | Margin (dB) | Status |
|------|-----------------|------------|------------|-------------|--------|
| 1-2  | 462             | 28.72      | 23.71      | 5.01        | Pass   |
| 3-6  | 464             | 23.79      | 23.67      | 0.12        | Pass   |
| 4-5  | 471             | 27.89      | 23.54      | 4.35        | Pass   |
| 7-8  | 439             | 29.99      | 24.15      | 5.84        | Pass   |

#### Ordering Information:

|         |   |               |
|---------|---|---------------|
| 3667704 | <b>CAT 6A</b> NEWMAX Giga RJ45 Jack, T568A/B, | <b>Gray</b>   |
| 3667705 | <b>CAT 6A</b> NEWMAX Giga RJ45 Jack, T568A/B, | <b>Orange</b> |
| 3667706 | <b>CAT 6A</b> NEWMAX Giga RJ45 Jack, T568A/B, | <b>Blue</b>   |
| 3667707 | <b>CAT 6A</b> NEWMAX Giga RJ45 Jack, T568A/B, | <b>Green</b>  |
| 3667708 | <b>CAT 6A</b> NEWMAX Giga RJ45 Jack, T568A/B, | <b>White</b>  |
| 3667709 | <b>CAT 6A</b> NEWMAX Giga RJ45 Jack, T568A/B, | <b>Red</b>    |
| 3667715 | <b>CAT 6A</b> NEWMAX Giga RJ45 Jack, T568A/B, | <b>Yellow</b> |



**NEWLINK**

**Cabling Systems**

**NEW-36677xx**

3667728

**CAT 6A** NEWMAX Giga RJ45 Jack, T568A/B, *Ivory*