

TRANSMISSION PROPERTIES AND ELECTRICAL SPECIFICATIONS

| FREQ. MHz | Min. NEXT | | | | Min RL |
|--------------|-----------|----------|----------|-----------|--------|
| | dB | | | | dB |
| | 1 m cord | 2 m cord | 5 m cord | 10 m cord | |
| 1.0 | 65.0 | 65.0 | 65.0 | 65.0 | 19.8 |
| 4.0 | 65.0 | 65.0 | 65.0 | 65.0 | 21.6 |
| 8.0 | 65.0 | 65.0 | 65.0 | 64.8 | 22.5 |
| 10.0 | 65.0 | 65.0 | 64.5 | 63.0 | 22.8 |
| 16.0 | 62.7 | 62.0 | 60.5 | 59.1 | 23.4 |
| 20.0 | 60.7 | 60.1 | 58.7 | 57.3 | 23.7 |
| 25.0 | 58.8 | 58.2 | 56.8 | 55.4 | 24.0 |
| 31.25 | 56.9 | 56.3 | 54.9 | 53.6 | 23.0 |
| 62.5 | 51.0 | 50.4 | 49.2 | 48.1 | 20.0 |
| 100 | 47.0 | 46.4 | 45.4 | 44.5 | 18.0 |
| 200 | 41.1 | 40.7 | 39.9 | 39.3 | 15.0 |
| 250 | 39.3 | 38.9 | 38.1 | 37.7 | 14.0 |
| 300 | 36.4 | 36.2 | 35.9 | 35.8 | 12.8 |
| 400 | 31.8 | 31.9 | 32.1 | 32.5 | 10.9 |
| 500 | 28.2 | 28.4 | 29.0 | 29.8 | 9.5 |

| | |
|--------------------------|---|
| Characteristic Impedance | 100±6 Ohm @ 1-500 MHz |
| Contact Resistance | 20 mOhm max. |
| Resistance Unbalance | 2% max. |
| Voltage Rating | 72 Vdc max. |
| Dielectric Strength | 1000 Volts/1 minute min rms |
| Ampacity | 1.0 Amps max. |
| Insulation Resistance | 500 MOhm min. @ 500 Vdc |
| Coupling Attenuation | 55 dB min @ 30-100 MHz 55-20log(f/100) @100-500 MHZ |
| Transfer Impedance | 10mOhm/m max @1-10 MHZ 30 mOhm/m max @30 MHZ |

ORDERING INFORMATION

| HCS P/N | Description | Length (m) | Notes |
|--------------|---|------------|-------|
| T6A-00430-10 | 4x2x26# F/UTP CAT 6A PVC Modular Cord Gray | 1.0 | |
| T6A-00440-10 | 4x2x26# F/UTP CAT 6A LSOH Modular Cord Gray | 1.0 | |
| T6A-00430-20 | 4x2x26# F/UTP CAT 6A PVC Modular Cord Gray | 2.0 | |
| T6A-00440-20 | 4x2x26# F/UTP CAT 6A LSOH Modular Cord Gray | 2.0 | |
| T6A-00430-30 | 4x2x26# F/UTP CAT 6A PVC Modular Cord Gray | 3.0 | |
| T6A-00440-30 | 4x2x26# F/UTP CAT 6A LSOH Modular Cord Gray | 3.0 | |
| T6A-00430-50 | 4x2x26# F/UTP CAT 6A PVC Modular Cord Gray | 5.0 | |
| T6A-00440-50 | 4x2x26# F/UTP CAT 6A LSOH Modular Cord Gray | 5.0 | |
| T6A-00430-70 | 4x2x26# F/UTP CAT 6A PVC Modular Cord Gray | 7.0 | |
| T6A-00440-70 | 4x2x26# F/UTP CAT 6A LSOH Modular Cord Gray | 7.0 | |
| T6A-00430-00 | 4x2x26# F/UTP CAT 6A PVC Modular Cord Gray | 10 | |
| T6A-00440-00 | 4x2x26# F/UTP CAT 6A LSOH Modular Cord Gray | 10 | |

Note: Standard Color: Light Gray RAL 7035. Other colors available for selection from Color Table No. 6.