





Ultra II (Category 5e "Plus" 350 MHz)





For ANSI/TIA/EIA 568B.2 Category 5e+ Extended Frequency LANs

Applications: Gigabit Ethernet, 155 Mb/s ATM, 100 Mb/s TP-PMD/CDDI and Fast Ethernet
Exceeds/meets: ANSI/TIA/EIA 568B.2 Category 5e, CENELEC EN50173, ICEA S-90-661, NEMA Low-loss Extended Frequency, AS/NZS 3085.1 and ISO/IEC 11801 Class D, 3rd party verified to Commscope performance claims
Features: 1,000 to 0 footage markers every two feet (Not available for outdoor cables or multi-leg & pair counts higher than 4)
Test Report: Test report available online at www.commscopewebtrak.com. (Not available for outdoor cables or multi-leg & pair counts higher than 4)

Plenum



| Catalog Number Safety Rating Packaging Options | No. of Pairs | Conductor Size and Material | Insulation Type & Thickness in / mm | Cable Jacket Material & Thickness in / mm | Cable Jacket OD and colors in / mm. | Nominal Capacitance pF/ft | Input Impedance | Maximum DCR | Velocity of Propagation | Shipping Wt. in lbs. kft / km |
|---|--------------|-----------------------------|-------------------------------------|---|---|---------------------------|-----------------|---------------------|-------------------------|-------------------------------|
| 5504M  ETL CMP/C(ETL) CMP    | 4 | 24 AWG Solid BC | FEP .007/.19 and FSPE .008/.20 | CommFlex .017/0.43 | .195/4.8 White, blue, yellow, pink and gray | 14 | 100Ω ± 15% | 28.6Ω/kft 9.4Ω/100m | 71% | 23/75.4 |

Non-plenum



| Catalog Number Safety Rating Packaging Options | No. of Pairs | Conductor Size and Material | Insulation Type & Thickness in / mm | Cable Jacket Material & Thickness in / mm | Cable Jacket OD and colors in / mm. | Nominal Capacitance pF/ft | Input Impedance | Maximum DCR | Velocity of Propagation | Shipping Wt. in lbs. kft / km |
|--|--------------|-----------------------------|-------------------------------------|---|---|---------------------------|-----------------|---------------------|-------------------------|-------------------------------|
| 55N4R  ETLCMR/C(ETL) CMG    | 4 | 24 AWG Solid BC | PE .008/.20 | Flame-retardant PVC .022/0.6 | .210/4.9 White, blue, yellow, pink and gray | 14 | 100Ω ± 15% | 28.6Ω/kft 9.4Ω/100m | 68% | 21/68.8 |

Available in "CM" and "CMX" for International Use.



Outdoor


| Catalog Number Safety Rating Packaging Options | No. of Pairs | Conductor Size and Material | Insulation Type & Thickness in / mm | Cable Jacket Material & Thickness in / mm | Cable Jacket OD and colors in / mm. | Nominal Capacitance pF/ft | Input Impedance | Maximum DCR | Velocity of Propagation | Shipping Wt. in lbs. kft / km |
|--|--------------|-----------------------------|-------------------------------------|---|-------------------------------------|---------------------------|-----------------|---------------------|-------------------------|-------------------------------|
| 5NF4   | 4 | 24 AWG Solid BC | PE .010/.25 | PE with Floodant .030/0.76 | .240/6.1 Black | 15 | 100Ω ± 15% | 28.6Ω/kft 9.4Ω/100m | 62% | 38/124.6 |

Plenum (Siamese Construction)

| Catalog Number Safety Rating Packaging Options | No. of Pairs | Conductor Size and Material | Insulation Type & Thickness in / mm | Cable Jacket Material & Thickness in / mm | Cable Jacket OD and colors in / mm. | Nominal Capacitance pF/ft | Input Impedance | Maximum DCR | Velocity of Propagation | Shipping Wt. in lbs. kft / km |
|---|--------------|-----------------------------|-------------------------------------|---|--|---------------------------|-----------------|---------------------|-------------------------|-------------------------------|
| 5524M  ETL CMP/C(ETL) CMP  | Two 4 pr. | 24 AWG Solid BC | FEP .007/.18 and FSPE .008/.20 | CommFlex .017/0.43 | .415/10.5 .200/5.08 White, blue and gray | 14 | 100Ω ± 15% | 28.6Ω/kft 9.4Ω/100m | 71% | 45/148 |

Non-Plenum (Siamese Construction)

| Catalog Number Safety Rating Packaging Options | No. of Pairs | Conductor Size and Material | Insulation Type & Thickness in / mm | Cable Jacket Material & Thickness in / mm | Cable Jacket OD and colors in / mm. | Nominal Capacitance pF/ft | Input Impedance | Maximum DCR | Velocity of Propagation | Shipping Wt. in lbs. kft / km |
|---|--------------|-----------------------------|-------------------------------------|---|--|---------------------------|-----------------|---------------------|-------------------------|-------------------------------|
| 5N54  ETLCMR/C(ETL) CMG  | Two 4 pr. | 24 AWG Solid BC | PE .008/.20 | Flame-retardant PVC .020/0.51 | .435/11.05 .210/5.3 White, blue and gray | 14 | 100Ω ± 15% | 28.6Ω/kft 9.4Ω/100m | 70% | 44/144.3 |

 = Reel  = Reel-In-Box  = ComPak Custom lengths of 2,000, 3,000 and 6,000 feet are available on reels for all twisted pair products. See Packaging Matrix for minimum order requirements and details.

For information visit www.commscope.com

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Category 5e
Fiber
Coax
Multi-Conductor
Conduit
Packaging
Glossary/Index