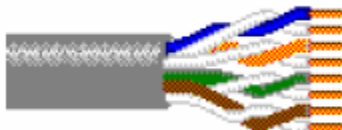




PEATSA

Lauro Aguirre No. 32-203, Col. Agricultura, México, D.F. 11360
www.peatsa.com Tels. 5342-1586 . 5341-8757
contacto@peatsa.com



1624R

Description:

4 pair ScTP, riser rated, 24 AWG solid bare copper conductors, polyolefin insulation, foil shield bonded to PVC jacket. Sequential marking at two foot intervals.

SUITABLE APPLICATIONS:

Suitable Applications Premise Horizontal Cable, Gigabit Ethernet, 100BaseTX, 100BaseVG ANYLAN, 155ATM, 622ATM, NTSC/PAL Component or Composite Video, AES/EBU Digital Video, RS-422, 100MHz Category 5

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs 4
Total Number of Conductors 8
AWG 24
Stranding Solid
Conductor Material BC - Bare Copper

INSULATION:

Insulation Material PO - Polyolefin

INNER SHIELD:

Inner Shield Color Code Chart :

Number	Color	Number	Color
1	White/Blue Stripe & Blue	3	White/Green Stripe & Green
2	White /Orange Stripe & Orange	4	White/Brown Stripe & Brown

OUTER SHIELD:

Outer Shield Material Trade Name Beldfoil®
Outer Shield Type Tape
Outer Shield Material Aluminum Foil-Polyester Tape
Outer Shield %Coverage 100 %

OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG 24
Outer Shield Drain Wire Stranding 7x32
Outer Shield Drain Wire Conductor Material TC - Tinned Copper

OUTER JACKET:

Outer Jacket Material PVC - Polyvinyl Chloride
Outer Jacket Ripcord No



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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter .250 in.

MECHANICAL CHARACTERISTICS:

Operating Temperature Range -20°C To +75°C

Bulk Cable Weight 30 lbs/1000 ft.

Max. Recommended Pulling Tension 25 lbs.

Min. Bend Radius (Install) 1 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification CMR, UL444

CEC/C(UL) Specification CMR

IEC Specification 11801 Category 5

TIA/EIA Specification 568-B.2 Category 5

Other Specification NEMA WC-63.1 Category 5, UL Verified to Category 5

FLAME TEST:

UL Flame Test UL1666 Riser

CSA Flame Test FT4

PLENUM/NON-PLENUM:

Plenum (Y/N) N

Plenum Number 1624P

ELECTRICAL CHARACTERISTICS:

Nom. Mutual Capacitance @ 1 KHz 15 pF/ft

Maximum Capacitance Unbalance (pF/100 m) 300 pF/100 m

Nominal Velocity of Propagation 67 %

Maximum Delay (ns/100 m) 538 @ 100MHz ns/100 m

Maximum Delay Skew (ns/100m) 45 ns/100 m

Maximum Conductor DC Resistance @ 20 Deg. C 9.38 Ohms/100 m

Maximum DCR Unbalance @ 20 Deg. C 3 %

Max. Operating Voltage - UL 300 V RMS

ELECTRICAL CHARACTERISTICS - PREMISE:

Premise Cable Electricals :



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Frequency (MHz)	Max. Attenuation (dB/100 m)	Min. NEXT (dB)	Min. PSNEXT (dB)	Min. Structural Return Loss (dB)	Fitted Impedance (Ohms)
1	2.0	62.2	62.3	23.0	100 ± 15%
4	4.1	53.3	53.3	23.0	100 ± 15%
8	5.8	48.8	48.8	23.0	100 ± 15%
10	6.5	47.3	47.3	23.0	100 ± 15%
16	8.2	44.3	44.3	23.0	100 ± 15%
20	9.3	42.8	42.8	23.0	100 ± 15%
25	10.4	41.3	41.3	22.0	100 ± 15%
31.25	11.7	39.9	39.9	21.1	100 ± 15%
62.5	17.0	35.4	35.4	18.0	100 ± 15%
100	22.0	32.2	32.3	16.0	100 ± 15%

NOTES:

Notes Shield is bonded to jacket inner wall for electrical stability.

Notes (Cont'd.) RJ-45 Compatible