

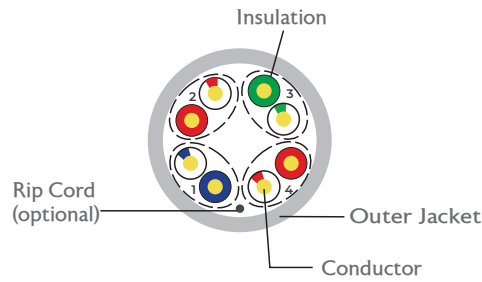
Cat 5e 4-Pair U/UTP Cable

Standards

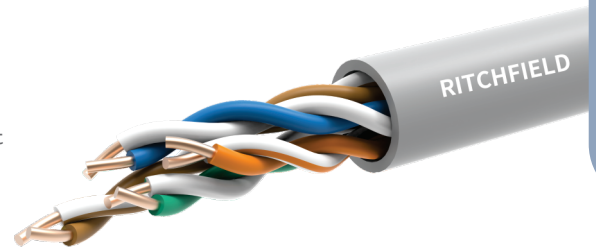
UL Subject 444, ANSI/TIA 568C.2, ANSI/TIA 568C.2-D, ISO / IEC 11801, IEC 61156 - 5, YD/T1019-2013

Applications

- 100 BASE - TC
- 100 BASE - TX
- 100VG - Any LAN
- 1000 BASE - T
- 1000 BASE - TX
- 155 Mbps ATM



Cross Section Diagram



Mechanical Information

Operating Temperature	-20 - 75°C
Maximum Pulling Force	110N
Minimum Bending Radius	4 X O.D.
Flame Test	PVC: CMX/CMH/CM/CMG/CMR/CMP LSZH: CPR-Ecd/Fcd

Product Structure

Conductor	24AWG
Number of Pairs	4
Nominal Conductor Dimension	0.505 ± 0.02mm
Insulation Material	Solid PE
Nominal Insulation Dimension	0.88 ± 0.05mm
Color Code	White&Blue/Blue White&Orange/Orange White&Green/Green White&Brown/Brown
Outer Jacket Material	PVC/LSZH
Ripcord	Optional
Nominal Cable Diameter	4.80 ± 0.30mm

Electrical Characteristics

Frequency (Mhz)	Attenuation (dB/100m)	NEXT (dB)	PSNEXT (dB)	Prop. Delay (ns/100m)	ACR-F (dB/100m)	PSACR-F (dB/100m)	Return Loss (dB)
1	2.0	65.3	62.3	570	63.8	60.8	20.0
4	4.1	56.3	53.3	552	51.8	48.8	23.0
8	5.8	51.8	48.8	546.7	45.7	42.7	24.5
10	6.5	50.3	47.3	545.4	43.8	40.8	25.0
16	8.2	47.2	44.2	543	39.7	36.7	25.0
20	9.3	45.8	42.8	542	37.8	34.8	25.0
25	10.4	44.3	41.3	541.2	35.8	32.8	24.3
31.25	11.7	42.9	39.9	540.4	33.9	30.9	23.6
62.5	17.0	38.4	35.4	538.6	27.9	24.9	21.5
100	22.0	35.3	32.3	537.6	23.8	20.8	20.1

Ordering Information

Part Number	Product Description
RF1-5UUPV-3 <CC>	Cat 5e U/UTP Twisted 4 pairs solid cable, PVC Sheath, 305 Mtr/ Box, <Color>
RF1-5UULZ-3 <CC>	Cat 5e U/UTP Twisted 4 pairs solid cable, LSZH Sheath, 305 Mtr/ Box, <Color>

CC = Color LG - Lemon Green, SB - Sky Blue, OR - Orange, GT- Grey, YL - Yellow, BL - Blue, GR - Green, WH - White, BK - Black, PR - Purple