

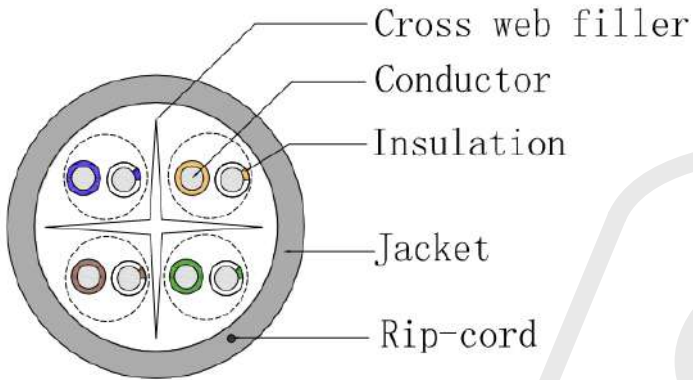


Cat6 Solid U/UTP 550MHz 23AWG CMP Plenum Bulk Cable

BK-C6E600-xx - Specifications

Description

This bulk CAT6 riser rated cable consists of 4 pairs of 23AWG solid bare copper wires. It is typically used in plenum environments as premise wiring and terminated from a patch panel to a Cat6 jack.



Physical Characteristics

| | |
|--------------------|---------------------------------------|
| Lengths Available | 1000 foot [305m] Pull Box |
| Color | Black/Blue/Grey/White |
| Cable Diameter | 6.00mm |
| Wire Gauge | 23AWG Solid |
| Insulation | 0.98mm Color-coated PE * 4 Pairs 100% |
| Conductor Material | Bare Copper |
| Shielding | None |
| Jacket Material | PVC - Polyvinyl Chloride |
| Jacket Rating | CMP [Plenum Rated] |

| | |
|------------------------------|--------------|
| Frequency | 550MHz |
| Fluke® CAT6 Channel Test | Yes |
| Fluke® CAT6 Permalink Test | Yes |
| Fluke® CAT6 Patch Cable Test | Yes |
| Operating Temperature | -20°C ~ 80°C |

Approvals

| | |
|------------------|-----|
| c(ETL)us | Yes |
| ISO/IEC 9001 | Yes |
| ANSI/TIA-568.C.2 | Yes |

Environmental

| | |
|-----------------------------|-----|
| RoHS | Yes |
| Conflict Minerals Compliant | Yes |

Packaging Information

| | |
|------------------------|------------|
| Package Quantity Cable | 1 Pull Box |
| Length | 1000ft |
| Product Weight | 33.50 lbs |



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| Frequency (MHz) | Attenuation (dB/100m) | NEXT (dB) | ACRF (dB/) | PS.NEXT (dB) | PS.ACRF (dB) | RL (dB) | Delay (ns/100m) | Skew (ns/100m) |
|-----------------|-----------------------|-----------|------------|--------------|--------------|---------|-----------------|----------------|
| 1 | 1.9 | 65.0 | 64.2 | 62.0 | 61.2 | 19.1 | 521 | 44 |
| 4 | 3.5 | 64.1 | 52.1 | 61.8 | 49.1 | 21.0 | 504 | |
| 8 | 5.0 | 59.4 | 46.1 | 57.0 | 43.1 | 21.0 | 500 | |
| 10 | 5.5 | 57.8 | 44.2 | 55.5 | 41.2 | 21.0 | 498 | |
| 16 | 7.0 | 54.6 | 40.1 | 52.2 | 37.1 | 20.0 | 496 | |
| 20 | 7.9 | 53.1 | 38.2 | 50.7 | 35.2 | 19.5 | 495 | |
| 25 | 8.9 | 51.5 | 36.2 | 49.1 | 33.2 | 19.0 | 495 | |
| 31.25 | 10.0 | 50.0 | 34.3 | 47.5 | 31.3 | 18.5 | 494 | |
| 62.5 | 14.4 | 45.1 | 28.3 | 42.7 | 25.3 | 16.0 | 492 | |
| 100 | 18.6 | 41.8 | 24.2 | 39.3 | 21.2 | 14.0 | 491 | |
| 200 | 27.4 | 36.9 | 18.2 | 34.3 | 15.2 | 11.0 | 490 | |
| 250 | 31.1 | 35.3 | 16.2 | 32.7 | 13.2 | 10.0 | 490 | |
| *300 | 34.6 | 34.0 | 14.6 | 31.4 | 11.6 | 9.2 | 490 | |
| *400 | 41.1 | 32.0 | 12.1 | 29.3 | 9.1 | 8.0 | 490 | |
| *500 | 47.1 | 30.4 | 10.2 | 27.6 | 7.2 | 8.0 | 490 | |
| *550 | 49.9 | 30.4 | 10.2 | 27.6 | 7.2 | 8.0 | 490 | |

Printing:

CAT6E 500MHz 23AWG 4P U/UTP CMP(-20Cto+80C)ANSI/TIA 568C.2 c(UL)us E345576 RoHS <Manufacture date> 002FT-----1000FT