

DESCRIPTION:

Bundle cable with two RG-6 cables and two Cat5E 350MHz cables.

Model: 6Q5ECMR5x Two Quad RG-6 and Two Cat5E 350MHz Multimedia Bundle Cable.

UL Rating: Available in CM, CMG, and CMX.

Marking: CM Bundled Cable 2 RG6/U Quad Shld+2 Cat5E Enhanced 350MHz Commodity Cables Part #, Foot Marking


ELECTRICAL SPEC

| | |
|-------------------------|---------------------------------|
| Sparker Test | 4000 VAC |
| Dielectric Strength | Conductor to Shield: 3000VDC |
| Impedance | 75 Ohm |
| Capacitance | 54 pF/m |
| Velocity of Propagation | 82% |
| DCR | Conductor 32 Ohm/1000' |
| SRL | 20dB Min (5-3000 MHz) |
| Minimum Bend Radius | Loaded: 20 times cable OD |
| | Unloaded: 10 times cable OD |
| Working Temperature | 75 c |

RG-6 QUAD PERFORMANCE

| MHz | dB/100ft |
|----------|----------|
| 50MHz | 1.5 |
| 100MHz | 2 |
| 200MHz | 2.8 |
| 400MHz | 4 |
| 700MHz | 5.6 |
| 900MHz | 6.2 |
| 1000MHz | 6.6 |
| 1450Mhz | 8 |
| 1800MHz | 8.5 |
| 2200MHz | 9.5 |
| 2500MHz | 10.16 |
| 2800 MHz | 10.75 |
| 3000 MHz | 11.13 |

Toll Free: (866) 945-5051
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Fax: (770) 945-9582
www.commoditycables.com

STRUCTURE SPECS:

| | | |
|------------------|--------------------------------|-----------------------------------|
| Conductor: | 1/0.50 mm, 24 AWG Solid Copper | |
| Insulation | HDPE | |
| Jacket | PVC | |
| Jacket Colors | Blue/Green | |
| Center Conductor | 18 AWG | 1.024mm |
| | CCS | CCS-Copper Clad Steel |
| Dielectric | Foam Polyethylene | Diameter Over Dielectric: 4.57 mm |
| Inner Shield | Foil: Alum | Alum Braid: 60% Coverage |
| Outer Shield | Foil: Alum | Alum Braid: 40% Coverage |
| Jacket | PVC | Diameter Over Jacket: 8.2 mm |
| Jacket Colors | Black/ White | |

ELECTRICAL SPECIFICATION

| | |
|----------------------------|-------------------------------|
| DC Loop Resistance | Max.30 Ohm/100m |
| DC Resistance (unbalanced) | Max. 2% |
| Insulation Resistance | Min. 50 M Ohm/100m |
| Capacitance (Unbalanced) | Max. 160pF/100m |
| Velocity of Propagation | Min.0.66C |
| Propagation Delay | Max. 5350 ns/km @ 1-100 MHz |
| Delay Skew | Max.400 ns/kmm @100MHz |
| Mean Impedance | 100 Ohm +/-10Ohm @ 1-100 MHz |
| characteristic Impedance | 100 Ohm +/-15 Ohm @ 1-100 MHz |

**STANDARD PACKAGING/JACKET
COLOR**


500 Wooden Reel
Yellow Jacket
Weight: 79 lb



PART NO. 6Q5ECMR5X
Cat 5E 350 MHz. Performance

| FREQUENCY (MHz) | PSACR dB/100m | ELFEXT dB/100m | PSELFEXT dB/100m | RL dB |
|--------------------|------------------------|-------------------|---------------------|----------------|
| 1 | 60.2 | 63.8 | 60.8 | 20 |
| 4 | 49.2 | 51.7 | 48.7 | 23 |
| 10 | 40.8 | 43.8 | 40.8 | 25 |
| 16 | 36.1 | 39.7 | 36.7 | 25 |
| 20 | 33.5 | 37.7 | 34.7 | 25 |
| 31.25 | 28.2 | 33.9 | 30.9 | 23.6 |
| 62.5 | 18.4 | 27.8 | 24.8 | 21.5 |
| 100 | 10.3 | 23.8 | 20.8 | 20.1 |
| 350 | | 16.0 | 13.0 | 16.3 |
| Frequency MHz | Attenuation dB/100m | NEXT dB | PSNEXT dB | ACR dB/100m |
| 1 | 2 | 65.3 | 62.3 | 63.2 |
| 4 | 4.1 | 56.3 | 53.3 | 52.2 |
| 10 | 6.5 | 50.3 | 47.3 | 43.8 |
| 16 | 8.2 | 47.3 | 44.3 | 39.1 |
| 20 | 9.3 | 45.8 | 42.8 | 36.5 |
| 31.25 | 11.7 | 42.9 | 39.9 | 31.2 |
| 62.5 | 17 | 38.4 | 35.4 | 21.4 |
| 100 | 22 | 35.3 | 32.3 | 13.3 |
| 350 | 43 | 32.1 | 30.1 | 10.4 |

Distributed By:
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